REPORT

OF THE

HEALTH OF LIVERPOOL,

DURING THE YEAR 1886,

WITH MAP, SHOWING THE LOCALITIES OF THE FATAL PREVALENCE OF FEVER.

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LIVERPOOL:

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REPORT, 1886.

During the year, 13,716 inhabitants of the City died, and 203 persons, whose residences were outside, died within the City, making the total number of deaths 13,919. The number of births was 19,559, giving a natural increase of population of 5,843. The estimated increase was 6,671, being 828 more than the excess of births over deaths, but would comprise unrecorded births, and the immigration of strangers who take up their residence here.

The death-rate for the year was 23·7 per 1,000, the same as in the previous year. This rate is obtained by dividing the total number of deaths 13,919, by the estimated population 586,320, who may be considered permanent residents. No allowance is made for a large floating population, who are constantly passing through the city, and in case of sickness are detained either in hospitals, hotels, or lodging houses. There is no return of the persons who leave the Port, unless they are going to places out of Europe. The number of emigrants who left during the year was 191,491, but there is no return of the number who arrived by ships from foreign countries, or coastwise. This floating population has a serious effect upon the health of the community by introducing Zymotic disease, and renders constant watchfulness necessary to detect the earliest outbreaks of sickness and prevent its extension. Many epidemic visitations have had this origin.

The density of the population has also a powerful effect in spreading disease, and were it not for the constant supervision exercised by the Sanitary staff, there would be an increase instead of a decrease in the prevalence of Zymotic disease.

The City has an area, including docks, quays, &c., of 5,210 acres, and the population per acre is 112·5, being far in excess of any other city or

town. Glasgow is next to Liverpool and has 85·4 per acre, followed by Manchester with 63·6 and London 55.

Notwithstanding the many disadvantages, there is a gradual and remarkable improvement in public health. The death-rate 23·7 is 2·9 per 1,000 less than the average rate for the last ten years (1876 to 1885), and 7·1 less than the previous 10 years (1866 to 1875).

The deaths from Zymotic causes amounted to 2,212, being 311 less than in 1885, and 757 below the average of the last ten years, and the lowest number recorded in any year since 1860, when the population was in round numbers 440,000.

Diseases.	Deaths during 1886.		Average for preceding 10 years.
Smallpox	29	.....	91
Measles	273	.....	518
Scarlatina	277	.....	421
Whooping Cough	152	.....	472
Diarrhœa	781	.....	658
Diphtheria	125	.....	66
Fever	198	.....	347

If there is to be any further reduction in mortality from Zymotic disease, it is necessary that proper hospital accommodation should be provided for the isolation of the earliest cases, and not depend upon the hospital attached to the Brownlow Hill Workhouse, where the majority of the patients have been taken, and which is now required by the Select Vestry for the accommodation of paupers. There is every probability that the use of this hospital will not be much longer granted to the Corporation, and the City will then be deprived of 160 beds for the treatment and isolation of infectious cases. To meet this loss and the requirements of a population of nearly 600,000 persons, the only proposition before the Council is to provide a new hospital in Grafton Street, with 68 beds, and alter Netherfield Road Hospital so as to provide 80 beds, thus, conjointly, giving only 148 beds to prevent the extension of epidemic disease, and protect the public health. The Medical Officer has, over and over again, reported on the necessity of providing proper hospital accommodation, and he is much afraid that

little or nothing will be done until the outbreak of a serious epidemic occurs, when everyone but those who have retarded the work will be blamed and a large sum of money wasted, as it always is in periods of panic.

SMALLPOX.

This disease, which had prevailed more or less since 1883, gradually subsided, the number of cases having fallen from 73 in January to 4 in December. The long continuance of Smallpox in the City affords another illustration of the introduction of disease, and the danger which constantly threatens the inhabitants. Smallpox assumed an epidemic character in November, 1883, when there were 14 cases, and rapidly increased until it reached the highest point in June, 1884, with 189. From this period, owing to the removal and isolation of the sick, the disease rapidly declined until the following summer, when it was thought the epidemic had ceased, as only three cases were reported in August, 1885. In the following month, September, vessels began to arrive from Montreal, where a severe epidemic of Smallpox prevailed, having the disease on board; and when reported, the patients were removed to hospital, but, unfortunately, the commanders of some ships denied the presence of sickness, and allowed infected persons to land without the slightest precautions, and, consequently, the disease soon manifested itself not only in the City, but in Birkenhead and Bootle. In September there were 9 cases, October, 15, and the greatest number, 80, in November. The Medical Officer reported the conduct of the ships' officers to the Customs and Board of Trade, and, subsequently, more information was given to his department.

Total number of cases reported in	Deaths.		Removed to Hospital.	Not Removed.
1883.....126	26, or 20·6 per cent.		105	21
1884.....832	106, or 12·7	,,	743	89
1885.....375	40, or 10·6	,,	342	33
1886.....234	29, or 12·4	,,	215	19
1,567	201	12·8	1,405	162

MEASLES caused comparatively few deaths, 273, the average of the preceding ten years being 518, and 716 in 1885, when the disease was epidemic. It is much to be regretted that the public look upon this disease as of little importance, considering the number of deaths it causes, the sufferings inflicted upon children, and the great pecuniary loss incurred in payment of expenses attendant upon sickness and funerals. If proper hospital accommodation were provided the severity of epidemic visitations would be diminished, and a large number of lives saved.

SCARLATINA caused 277 deaths, being 83 more than in 1885, while the average for the preceding ten years was 421.

In the first seven months of the year there were fewer cases, 498, than usually reported, and 70 deaths. In August the disease rapidly increased, 1,250 cases being reported in the remaining five months with 207 deaths. By seeking out the cases, and removing them to Hospital, the threatened epidemic was fortunately checked, but the utmost extent of hospital accommodation was reached, the Brownlow Hill Hospital being filled by the middle of September.

DIARRHŒA.—The deaths from this disease were above the average, being 781, while the average for ten years was 658, and for the preceding year, 1885, when the number of deaths was 422.

The following table shows the mean temperature and number of deaths during the warm months of 1885 and 1886:—

	Mean average temperature in 1885.	Number of deaths.	Mean average temperature in 1886.	Number of deaths.
June	56·8	13	56·1	9
July	60·6	41	60·1	79
August	56·9	163	60·8	256
September.....	54·5	82	56·7	266
October.....	45·7	31	52·4	74

The following table shows the number of deaths from Fever and Diarrhœa during the last twenty-one years :—

Year.	Deaths from Diarrhœa.	Deaths from Fever.	Deaths from Relapsing Fever.
1866	1145	1523	...
1867	796	656	...
1868	1108	841	...
1869	1001	783	...
1870	1151	572	355
1871	1127	701	207
1872	998	451	25
1873	906	335	...
1874	879	449	...
1875	842	490	...
1876	694	398	...
1877	605	382	...
1878	979	375	...
1879	402	248	...
1880	1028	256	...
1881	508	292	...
1882	587	593	...
1883	518	540	...
1884	841	205	...
1885	422	182	...
1886	781	198	...

During the fifty-two weeks of the year 1886, (terminating on Saturday, January 1st, 1887), the Returns of the Local Registrars recorded 19,559 births and 13,919 deaths within the City; the numbers for the corresponding period of the previous year, 1885, were 19,464 births and 13,764 deaths.

Of the births 9,943 were males and 9,616 were females, making the total Birth-rate of the City equal to 33·4 per 1,000; the average of the previous ten years being 37·1.

The Distribution of the births in the different wards and districts of the City has been arranged in the following table :—

BIRTHS.

Districts and Wards.		1st Quarter.		2nd Quarter.		3rd Quarter.		4th Quarter.		Annual.
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Births
Parish.	Scotland	354	300	274	251	292	307	288	272	2338
	Vauxhall	48	65	53	50	52	51	53	41	413
	St. Paul's and Exchange	64	52	56	79	52	66	52	51	472
	St. Anne's and Lime Street	104	128	126	119	121	122	104	96	920
	Castle Street and St. Peter's	21	13	15	13	15	10	10	9	106
	Pitt Street and Gt. George	73	62	55	56	69	58	61	53	487
	Rodney St. & Abercromby	174	166	148	152	156	159	148	177	1280
Out-Townships.	Everton	548	521	571	541	505	493	531	459	4169
	Kirkdale	367	328	320	343	314	277	315	296	2560
	West Derby	342	320	362	374	357	338	332	315	2740
	The Toxteths	537	519	524	515	519	498	461	501	4074
Parish		838	786	727	720	757	773	716	699	6016
Out-Townships		1794	1688	1777	1773	1695	1606	1639	1571	13543
City		2632	2474	2504	2493	2452	2379	2355	2270	19559

DEATHS.

Of the 13,919 deaths 7,142 were of males, and 6,777 of females; 5,915 occurred in the Parish, and 8,004 in the Out-townships.

The Death-rate of the City was equal to 23·7 per 1,000. The average of the previous ten years was 26·6 per 1,000.

The following table shows the actual number of deaths registered in the Parish and Out-townships previous to the transference to the districts from whence the patients were removed, of the deaths occurring in the Workhouses and Hospitals. The Death-rate of the Parish was equal to 30·5, and that of the Out-townships to 20·4 per 1,000 of the population.

The deaths occurred in the following districts :—

Districts.		1st Quarter.		2nd Quarter.		3rd Quarter.		4th Quarter.		Annual.
		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Deaths.
Parish.	Scotland	191	204	136	148	179	214	219	216	1507
	Vauxhall	48	53	35	32	49	47	51	34	349
	St. Paul's and Exchange	47	63	38	46	46	41	55	48	384
	St. Anne's and Lime Street	94	103	72	67	110	91	81	98	716
	Castle Street and St. Peter's	24	11	16	8	18	10	15	13	115
	Pitt Street and Great George	42	52	33	45	50	39	40	47	348
	Rodney Street and Abercromby	93	108	70	83	63	89	89	93	688
	Parish Workhouse and Hospitals	308	222	265	184	232	140	284	173	1808
Out-Townships.	Everton	312	338	249	236	328	303	313	295	2374
	Kirkdale	179	169	144	131	191	156	180	185	1335
	West Derby	201	217	146	136	208	208	165	182	1463
	The Toxteths	323	330	241	249	288	314	240	275	2260
	Out-Township Hospitals	102	64	82	53	63	55	94	59	572
Parish		847	816	665	613	747	671	834	722	5915
Out-Townships		1117	1118	862	805	1078	1036	992	996	8004
City		1964	1934	1527	1418	1825	1707	1826	1718	13919

From the returns made as to the residences of persons dying in the Workhouses and Hospitals of the town, we are able to classify 1,995 of the deaths in these establishments under the Wards from whence the patients were removed, viz. :—396 under Scotland Ward, 152 under Vauxhall Ward, 64 under St. Paul's Ward, 87 under Exchange Ward, 267 under St. Anne's Ward, 69 under Lime Street Ward, 3 under Castle Street Ward, 22 under St. Peter's Ward, 64 under Pitt Street Ward, 75 under Great George's Ward, 80 under Rodney Street Ward, 84 under Abercromby Ward, 265 under the Out-township of Everton, 71 under that of Kirkdale, 151 under West Derby Ward, 63 under North Toxteth Ward, and 82 under South Toxteth Ward. This will leave unclassified 182 deaths of persons whose previous residences were either unknown or not specified ; and these, in the absence of definite information, have been placed in the Wards in proportion to the number of total deaths ; and 203 who were residents outside the City.

The results of the alterations occasioned by this re-arrangement of the deaths in the wards and districts will be shown in the following table, from which a calculated rate of mortality per 1,000 of the estimated inhabitants has been made. The rates are calculated upon a population increasing or decreasing in the same ratio as between 1871 and 1881, and may not be correct as regards the Wards, but will approximate the true rate of the whole City.

Wards.	Annual.	
	Deaths.	Rate per 1000.
Scotland	1929	29·2
Vauxhall	508	37·7
St. Paul's	240	23·7
Exchange	302	39·3
St. Anne's	808	33·3
Lime Street	258	25·7
Castle Street	26	26·0
St. Peter's	115	23·5
Pitt Street	211	29·8
Great George	283	29·7
Rodney Street	419	24·7
Abercromby	445	19·9
Everton	2674	22·7
Kirkdale	1425	18·7
West Derby	1636	21·3
North Toxteth	1393	17·8
South Toxteth	1044	23·8
Hospitals (Residences outside City)	203	—
	13919	23·7

The following table shows the natural increase or decrease of population, and the number of births and deaths during the year 1886, in the several districts of the City :—

Districts and Wards.	Births.	Deaths.	Increase.	Decrease
Scotland	2338	1929	409	..
Vauxhall	413	508	..	95
St. Paul's and Exchange	472	542	..	70
St. Anne's and Lime Street	920	1066	..	146
Castle Street and St. Peter's	106	141	..	35
Pitt Street and Gt. George..	487	494	..	7
Rodney Street and Abercromby	1280	864	416	..
Everton	4169	2674	1495	..
Kirkdale	2560	1425	1135	..
West Derby	2740	1636	1104	..
The Toxteths..	4074	2437	1637	..
City	19559	13716	5843	..
Hospitals (Residences outside City)	..	203	..	..
Total..	19559	13919	5640	..

The following table, taken from the Registrar-General's Reports, will enable us to compare the mortality of Liverpool with thirty of the large towns of the United Kingdom :—

TOWNS.	Estimated Population in the middle of the year 1886.	Births in 52 Weeks, ending 1st Jan., 1887.	Deaths in 52 Weeks, ending 1st Jan., 1887.	Annual Rate to 1,000 of Population.		Population on Acre.
				Births.	Deaths.	
London	4149533	133700	82257	32·2	19·8	55·1
Brighton	116416	2957	1986	25·4	17·0	46·3
Portsmouth	136278	4923	3234	36·1	23·7	31·5
Norwich	92028	3186	2139	34·6	23·2	12·3
Plymouth	76584	2414	1792	31·5	23·4	52·2
Bristol	220915	6726	4253	30·4	19·2	47·7
Wolverhampton	80012	2803	1773	35·1	22·1	23·6
Birmingham	434381	14305	8628	32·9	19·8	51·7
Leicester	139606	4857	2819	34·8	20·2	43·6
Nottingham	217733	7768	4419	35·7	20·3	21·9
Derby	91823	3050	1665	33·2	18·1	26·6
Birkenhead	95370	3210	1819	33·7	19·1	24·8
Bolton	111214	3786	2565	34·1	23·0	46·3
Manchester	376895	13636	9894	36·2	26·2	63·6
Salford	211241	7234	4643	34·3	22·0	40·9
Oldham..	130216	4218	2958	32·4	22·7	27·5
Blackburn	114689	3970	2918	34·6	25·4	16·4
Preston..	101340	3985	2922	39·4	28·8	27·2
Huddersfield	88670	2386	1730	26·9	19·5	8·4
Halifax..	78287	2246	1775	28·7	22·7	20·8
Bradford	219411	6290	4188	28·7	19·1	20·4
Leeds	339057	11456	7399	33·8	21·8	15·7
Sheffield	310957	10576	6131	34·0	19·7	15·8
Hull	191501	6394	3597	33·4	18·8	24·2
Sunderland	127487	4621	2479	36·3	19·4	42·0
Newcastle-on-Tyne	155117	6099	3439	39·4	22·1	28·9
Cardiff	100736	4280	2269	42·5	22·5	13·7
Edinburgh	254591	7432	4868	29·2	19·1	43·1
Glasgow	521999	19798	13077	37·9	25·0	85·4
Dublin	353082	10199	9491	28·9	26·8	14·3
LIVERPOOL	586320	19559	13919	33·4	23·7	112·5

The deaths of Infants below the fifth year of their age amounted to 6,152, and thus comprised 44·2 per cent. of the whole deaths ; the average number for the preceding ten years was 6,726, and the average percentage 46·1. The

deaths of Infants below one year of age amounted to 3,670, or 18·8 per cent. of all the children born within the City died before attaining the age of twelve months.

The first of the following tables shows the districts where Infantile Mortality was relatively and absolutely greatest, the second table illustrates the influence of age on the death-rate of the City, and the third table places, in one connected view, the pathological history of the death registry.

WARDS.		Quarters.				Annual.	Per Centage of Deaths under 5 years to Total Deaths.	Per Centage of Deaths under 1 year to Total Births.
		March.	June.	Sept.	Dec.			
Scotland ..	Total Deaths..	395	284	393	435	1507	53·3	19·6
	Below 5 years..	167	136	251	249	803		
Vauxhall ..	Total Deaths..	101	67	96	85	349	53·9	26·2
	Below 5 years..	45	37	56	50	188		
St. Paul's ..	Total Deaths..	54	36	38	45	173	39·9	20·1
	Below 5 years..	18	10	20	21	69		
Exchange ..	Total Deaths..	56	48	49	58	211	40·3	
	Below 5 years..	23	18	21	23	85		
St. Anne's ..	Total Deaths..	141	105	142	142	530	52·8	23·0
	Below 5 years..	58	54	90	78	280		
Lime Street ..	Total Deaths..	56	34	59	37	186	41·4	
	Below 5 years..	21	17	32	17	87		
Castle Street ..	Total Deaths..	7	2	7	7	23	26·1	19·8
	Below 5 years..	1	1	2	2	6		
St. Peter's ..	Total Deaths..	28	22	21	21	92	31·5	
	Below 5 years..	9	5	7	8	29		
Pitt Street ..	Total Deaths..	38	38	32	36	144	52·1	20·5
	Below 5 years..	21	17	17	20	75		
Great George ..	Total Deaths..	56	40	57	51	204	44·6	
	Below 5 years..	20	15	30	26	91		
Rodney Street..	Total Deaths..	90	72	79	92	333	42·9	13·4
	Below 5 years..	33	29	45	36	143		
Abercromby....	Total Deaths..	111	81	73	90	355	39·7	
	Below 5 years..	39	31	34	37	141		
Parish Workhouse&Hospitals	Total Deaths..	530	449	372	457	1808	16·2	..
	Below 5 years..	88	52	71	82	293		
Everton.. ..	Total Deaths..	650	485	631	608	2374	51·2	17·4
	Below 5 years..	275	226	394	320	1215		
Kirkdale ..	Total Deaths..	348	275	347	365	1335	51·2	16·3
	Below 5 years..	157	114	209	204	684		
West Derby ..	Total Deaths..	418	282	416	347	1463	52·1	16·6
	Below 5 years..	198	127	263	174	762		
North Toxteth..	Total Deaths..	381	291	335	306	1313	47·1	18.0
	Below 5 years..	161	116	203	138	618		
South Toxteth..	Total Deaths..	272	199	267	209	947	56·3	
	Below 5 years..	140	111	173	109	533		
Out-Township Hospitals ..	Total Deaths..	166	135	118	153	572	8·7	..
	Below 5 years..	17	7	12	14	50		
Parish	Total Deaths..	1663	1278	1418	1556	5915	38·7	19·2
	Below 5 years..	543	422	676	649	2290		
Out-Townships	Total Deaths..	2235	1667	2114	1988	8004	48·3	17·2
	Below 5 years..	948	701	1254	959	3862		
City .. .	Total Deaths..	3898	2945	3532	3544	13919	44·2	18·8
	Below 5 years..	1491	1123	1930	1608	6152		

AGES.	Quarters.				Annual.	
	March.	June.	Sept.	Dec.	Deaths.	Rate per 1000 of population.
Deaths below 1 year of age..	857	678	1295	840	3670	6·3
,, between 1 year and 5	634	445	635	768	2482	4·2
,, ,, 5 ,, 20	271	244	217	323	1055	1·8
,, ,, 20 ,, 60	1333	1067	932	1070	4402	7·5
,, above 60 years	803	509	453	543	2308	3·9
,, at ages unknown	..	2	..	..	2	..
,, at all ages	3898	2945	3532	3544	13919	23·7

The Registrars' Returns show that there were 11 deaths (7 of women and 4 of men) at the age of 90 and upwards, viz., 3 males and 3 females at 90, 1 female at 92, 1 female at 94, 1 female at 96, 1 male at 100, and 1 female at 104.

CLASSES.	Quarters.				Year 1886.
	March.	June.	Sept.	Dec.	
1. Zymotic Diseases..	440	270	884	618	2212
2. Diseases of Uncertain Seat	95	102	111	93	401
3. Tubercular Diseases	516	500	446	424	1886
4. Diseases of Brain, &c.	512	433	447	419	1811
5. ,, of Heart, &c.	215	192	177	177	761
6. ,, of Lungs, &c.	1168	638	429	843	3078
7. ,, of Stomach, &c.	172	165	295	192	824
8. ,, of Kidneys, &c.	71	78	51	87	287
9. Childbirth, Diseases of Uterus, &c.	36	24	24	26	110
10. Rheumatism, Diseases of the Joints, &c. ..	13	14	16	14	57
11. Diseases of the Skin, Cellular Tissue, &c. ..	13	10	14	21	58
12. Malformations	10	7	6	10	33
13. Premature Birth..	66	70	60	65	261
14. Atrophy and Debility	224	188	316	260	988
15. Old Age	170	104	115	126	515
16. Privation, Cold, &c.	..	..	..	..	..
17. Inquests	168	140	132	157	597
Causes not specified	9	10	9	12	40
All Causes	3898	2945	3532	3544	13919
Total Zymotics	440	270	884	618	2212
Smallpox	25	2	2	..	29
Measles..	79	31	29	134	273
Scarlatina	40	22	61	154	277
Hooping Cough	72	43	17	20	152
Diarrhœa	29	33	616	103	781
Fever	41	35	54	68	198

ZYMOTICS.

This class of diseases occasioned 2,212 deaths during the year 1886, and accounted for 15·9 per cent. of the total mortality within the City during the same period. The average number of deaths from these diseases for the preceding ten years was 2,969, and the percentage death rate for 1886 was 4·4 per cent. less than the proportional rate of zymotic deaths to deaths from all causes during the preceding decennial period. The following table shows the localities and the periods of their fatal prevalance :—

WARDS, &c.	Deaths from all Causes.	ZYMOTICS. Quarters. March.	June.	Sept.	Dec.	Per Centage of Zymotic Deaths to Deaths from all Causes.
Scotland	1507	31	23	105	79	15·8
Vauxhall	349	17	6	13	10	13·2
St. Paul's	173	6	3	9	3	12·1
Exchange	211	3	2	6	3	6·6
St. Anne's	530	15	12	34	26	16·4
Lime Street	186	6	1	15	10	17·2
Castle Street	23	..	..	2	1	13·0
St. Peter's	92	5	1	3	2	12·0
Pitt Street	144	..	2	6	7	10·4
Great George	204	4	4	19	9	17·6
Rodney Street	333	8	3	18	11	12·0
Abercromby	355	11	6	15	16	13·5
Liverpool Workhouse Hospital	1335	51	23	39	52	12·4
Royal Infirmary	232	3	2	2	2	3·9
Children's Infirmary	88	5	..	9	8	25·0
Lying-in Hospital	3	..	1	..	..	33·3
Consumption Hospital	23	..	..	..	..	..
North Hospital	127	..	4	1	2	5·5
Hospital for Women	11	..	..	..	..	..
Stanley Hospital	57	1	..	..	1	3·5
Royal South Hospital	153	4	1	4	..	5·9
Netherfield Road Hospital	49	3	2	10	31	93.9
West Derby Union Hospital	276	1	1	6	..	2·9
City Hospital, Park Hill	26	23	2	1	..	100·0
Everton	2374	67	66	155	145	18·2
Kirkdale	1335	45	27	122	87	21·0
West Derby	1463	71	31	117	51	18·5
North Toxteth	1312	32	32	86	38	14·3
South Toxteth	948	28	15	87	24	16·2
Parish	5915	165	93	296	241	13.4
Out-Townships	8004	275	177	588	377	17·7
City	13919	440	270	884	618	15·9

FEVER.

Fever accounted for 198 deaths within the City of Liverpool, or for 93 in the Parish and 105 in the Out-Townships, being an increase of 16 on the previous year. (The average number of deaths for the preceding ten years was 347.) The rate of its mortality was equal to 0·3 per 1,000 of the estimated population. Its percentage rate relatively to deaths from all causes was 1·1 during the first, 1·2 during the second, 1·5 during the third, 1·9 during the fourth

quarter of the year. Its annual rate relatively to deaths from all causes was 1·4 per cent., and relatively to deaths from zymotic causes 9·0 per cent. Its deaths included 100 males and 98 females; 48 persons below the age of 15, 74 between the ages of 15 and 30, and 76 above the age of 30.

Under the term Fever every form of continued fever is included; but the registers of deaths attribute 7 cases to gastric fever, 85 to typhoid fever, 48 to enteric fever, 3 to continued fever, 1 to low fever, 47 to typhus, 3 to fever, 1 to relapsing fever, and under that of febricula 3 deaths.

The following tables are in themselves sufficiently explanatory. The first compares the averages of deaths from fever during the preceding ten years with those during 1886; the second and third tables show the districts of the town and the periods of the year in which all forms of continued fever were most fatally prevalent; the fourth marks in streets the habitats of the disease, and the remaining tables the occupations and positions of its victims.

WARDS.	Exact Average of Fever Deaths for Preceding Ten Years.	Deaths from Fever during the Year 1886.
Scotland	32	12
Vauxhall	7	4
St. Paul's	5	3
Exchange	5	1
St. Anne's	11	6
Lime Street	3	1
Castle Street..	1	..
St. Peter's	1	..
Pitt Street	2	..
Great George..	3	3
Rodney Street	3	3
Abercromby	5	3
Everton	54	29
Kirkdale		18
West Derby	18	7
North Toxteth	17	11
South Toxteth	18	13
Hospital Deaths	162	84
Total	347	198

In the above table the averages have been calculated without making allowance for increase of population.

DEATHS FROM FEVER DURING THE YEAR 1886.

Wards.	January.				February.				March.				April.	Quarter.	April.			May.					June.				July.	Quarter.
	9	16	23	30	6	13	20	27	6	13	20	27	3		10	17	24	1	8	15	22	29	5	12	19	26	3	
Scotland	1	..	2	1	..	..	..	..	1	..	..	..	1	6	..	1	1	..	1	..	..	..	..	..	1	..	..	4
Vauxhall	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	2
St. Paul's	..	..	2	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	1
Exchange	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Anne's	..	..	..	..	..	..	2	..	..	..	..	..	1	3	..	..	..	1	..	..	..	..	..	..	..	..	..	1
Lime Street	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Castle Street	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Great George	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Rodney Street	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Abercromby	..	..	..	..	1	..	1	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Everton	1	1	1	..	1	2	..	..	..	..	..	..	..	6	..	..	1	..	1	1	1	1	..	2	..	..	..	7
Kirkdale	..	1	1	..	..	..	..	..	1	1	..	1	1	6	..	..	..	..	..	..	..	..	..	..	..	2	..	2
West Derby	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	2	..	3
North Toxteth	..	..	1	..	1	..	..	..	2	..	..	..	..	4	1	..	..	..	1	..	..	..	..	..	1	..	..	3
South Toxteth	..	..	..	2	..	..	..	3	1	2	1	..	..	9	1	..	..	..	1	..	1	..	..	2	..	..	..	5
Hospitals (Residences out of City)	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	1	1	3
Hospitals (Residences unknown)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	2
Total	2	2	7	3	3	2	3	4	6	4	1	1	3	41	3	1	2	1	4	1	2	2	1	5	5	7	1	35

Wards.	July.				August.				September.				Oct.	Quarter.	October.				November.				December.				Jan.	Quarter.	Year.
	10	17	24	31	7	14	21	28	4	11	18	25	2		9	16	23	30	6	13	20	27	4	11	18	25	1		
Scotland	..	1	1	..	..	..	1	..	..	1	..	1	..	5	..	1	..	1	1	1	1	..	2	1	..	..	1	9	24
Vauxhall	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	1	..	..	1	..	5	8
St. Paul's	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
Exchange	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	2	2
St. Anne's	..	..	..	..	..	1	..	..	..	1	..	1	..	3	..	1	..	1	..	..	..	..	..	..	..	..	..	2	9
Lime Street	..	..	..	..	..	..	..	1	..	..	..	..	..	1	1	..	..	..	1	..	..	..	..	..	..	..	..	2	3
Castle Street	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1
Great George	..	..	..	..	..	..	..	..	..	..	1	..	1	2	..	1	..	..	1	..	..	..	..	..	..	..	..	2	5
Rodney Street	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	3
Abercromby	..	1	..	..	1	..	..	..	..	..	..	..	..	2	1	..	1	..	..	2	..	..	..	..	..	..	..	4	8
Everton	..	1	1	..	..	..	2	..	1	1	2	..	1	9	1	1	..	2	1	..	..	2	1	2	2	..	3	15	37
Kirkdale	..	1	1	..	..	1	..	..	..	1	2	1	1	8	..	..	1	..	1	..	..	1	1	..	1	1	1	7	23
West Derby	..	..	1	..	2	..	..	..	2	..	1	1	1	8	..	1	1	..	3	..	..	..	..	1	..	..	..	6	17
North Toxteth	1	..	1	1	..	..	..	..	..	1	..	..	..	4	1	1	..	1	..	..	2	1	..	..	..	..	1	7	18
South Toxteth	..	..	..	1	1	1	1	..	..	..	..	..	..	4	..	..	..	..	..	..	1	1	..	2	..	..	..	4	22
Hospitals (Residences out of City)	..	..	..	..	..	..	..	2	1	1	..	2	1	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11
Hospitals (Residences unknown)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	3
Total	1	4	5	2	4	3	4	4	4	6	6	6	5	54	6	6	3	5	9	4	5	7	5	6	4	2	6	68	198

[illegible] all Deaths occurring in Hospitals have been transferred to the Wards from whence they came.

DEATHS FROM FEVER.

WARDS.		Quarters. March. M.	March. F.	June. M.	June. F.	Sept. M.	Sept. F.	Dec M.	Dec F.	Year. M.	Year. F.	Year. Total
Scotland	Below 5 years	..	..	..	..	..	..	1	..	1	..	1
	Above 5 years	2	..	1	1	1	1	1	4	5	6	11
Vauxhall	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	1	..	2	..	..	..	1	..	4	4
St. Paul's	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	1	1	..	..	..	1	..	..	1	2	3
Exchange	Below 5 years	..	..	..	..	..	..	1	..	1	..	1
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Anne's	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	1	1	..	1	2	1	..	..	3	3	6
Lime Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	1	..	..	..	1	1
Castle Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Great George	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	2	..	1	..	3	..	3
Rodney Street	Below 5 years	..	..	..	1	..	..	..	..	..	1	1
	Above 5 years	..	1	..	..	..	..	..	1	..	2	2
Abercromby	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	...	1	.	..	1	..	..	1	1	2	3
Parish Workhouse and Hospitals	Below 5 years	1	..	..	..	..	..	..	..	1	..	1
	Above 5 years	6	6	8	2	6	8	13	7	33	23	56
Out-Township Hospitals	Below 5 years	..	..	..	..	..	1	..	..	..	1	1
	Above 5 years	1	..	1	1	7	1	7	8	16	10	26
Everton	Below 5 years	..	..	1	1	..	..	..	1	1	2	3
	Above 5 years	1	3	3	2	3	4	2	8	9	17	26
Kirkdale	Below 5 years	..	1	..	..	1	1	..	..	1	2	3
	Above 5 years	3	..	..	2	3	1	1	5	7	8	15
West Derby	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	1	1	3	2	..	..	4	3	7
North Toxteth	Below 5 years	..	..	1	..	..	..	..	..	1	..	1
	Above 5 years	..	3	..	2	..	1	1	3	1	9	10
South Toxteth	Below 5 years	1	1	..	..	1	..	..	..	2	1	3
	Above 5 years	4	1	3	..	1	..	1	..	9	1	10
Parish	Below 5 years	1	..	..	1	..	..	2	..	3	1	4
	Above 5 years	10	11	9	6	12	12	15	14	46	43	89
Out-Townships	Below 5 years	1	2	2	1	2	2	..	1	5	6	11
	Above 5 years	9	7	8	8	17	9	12	24	46	48	94
City	Below 5 years	2	2	2	2	2	2	2	1	8	7	15
	Above 5 years	19	18	17	14	29	21	27	38	92	91	183

List of Streets in the City wherein Two or more Deaths from Fever occurred during the Year 1886.

Streets in the Parish.	Houses.		Total.	Streets in the Out-Townships.	Houses.		Total.
	Front.	Court.			Front.	Court.	
Barmouth	2	..	2	Brasenose Road ..	2	..	2
Blandford	2	..	2	Cockerell	2	..	2
Brownlow Hill ..	4	..	4	Dexter	..	2	2
Burlington	..	2	2	Essex	2	..	2
Hedley	1	1	2	Harold	2	..	2
Penrhyn	1	1	2	Lamport	2	..	2
Silvester	1	1	2	Laxey	1	1	2
Stone	2	..	2	Robsart	2	..	2
				Ruby	2	..	2
				Salisbury	1	1	2
				Vaughan	2	..	2
				Warwick	2	..	2

Occupations of Persons who (either themselves or members of their family) have died from Fever in the Workhouses or Hospitals of the City, tabulated into Wards from whence they came, during the Year 1886.

LIVERPOOL PARISH WORKHOUSE.

OCCUPATIONS.	Wards.																	Residence outside the City.	Residence Unknown.	Total.
	Scotland.	Vauxhall.	St. Paul's.	Exchange.	St. Anne's.	Lime Street.	Castle Street.	St. Peter's.	Pitt Street.	Great George.	Rodney Street.	Abercromby.	Everton.	Kirkdale.	West Derby.	North Toxteth.	South Toxteth.			
Labourers	8	..	..	1	3	..	..	..	..	..	..	..	3	3	2	3	4	..	1	28
Tradesmen	1	2	..	..		.	.	..	..	1	..	3	..	..	2	..	1	..	1	11
Seamen	1		..	.	..	..	..	..	1	..	..	1	1	..	..	..	..	..	..	4
Servants	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	1	.	1	..	4
Police Constable.. ..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1
Professions & Mercantile	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	.	..	..	1
Unknown..	1	..		..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2
Males	6	1	..	1	2	.	..	..	1	1	..	3	4	1	2	2	4	..	2	30
Females	5	1	1		1	..	..	..	..		..	2	1	3	3	2	1	1	..	21
Total	11	2	1	1	3	.	..	..	1	1	..	5	5	4	5	4	5	1	2	51

ROYAL INFIRMARY.

One male, a labourer, residence in West Derby Ward.
One female, a servant, residence in West Derby Ward.

CHILDREN'S INFIRMARY.

One female, daughter of a tradesman, residence in North Toxteth Ward.

NORTHERN HOSPITAL.

Two males, seamen, residence outside the City.
One male, a seaman, residence unknown.

ROYAL SOUTHERN HOSPITAL.

One male, a labourer, residence in North Toxteth Ward.
One male, a tradesman, residence in South Toxteth Ward.
One male, a seaman, residence outside the City.

STANLEY HOSPITAL.

One female, wife of a seaman, residence in Scotland Ward.

WEST DERBY UNION WORKHOUSE HOSPITAL (MILL ROAD).

One male, a labourer, residence outside the City.

EVERTON HOSPITAL (NETHERFIELD ROAD).

OCCUPATIONS.	WARDS.								Residences outside the City.	TOTAL.
	Vauxhall.	Lime Street.	Great George.	Everton.	Kirkdale.	West Derby.	NorthToxteth.	SouthToxteth.		
Labourers	2	..	..	..	..	..	1	2	3	8
Tradesmen	..	2	..	2	1	2	..	..	2	9
Professions and Mercantile	..	..	..	..	..	1	..	..	..	1
Seamen	..	..	1	..	..	..	..	..	..	1
Servants	..	..	..	..	..	..	..	..	1	1
Nurses	..	..	..	1	..	..	..	..	..	1
Unknown	..	..	..	..	..	..	..	1	..	1
Males	1	1	1	1	1	2	..	2	3	12
Females	1	1	..	2	..	1	1	1	3	10
Total	2	2	1	3	1	3	1	3	6	22

Occupations of Persons who (either themselves or members of their family) have died from Fever in the different Wards of the City during the Year 1886. (Not included in the foregoing Tables of Deaths in Workhouses and Hospitals.)

OCCUPATIONS.	Wards.																	Total.
	Scotland.	Vauxhall	St. Paul's.	Exchange.	St. Anne's.	Lime Street.	Castle Street.	St. Peter's.	Pitt Street.	Great George.	Rodney Street.	Abercromby.	Everton.	Kirkdale.	West Derby.	North Toxteth.	South Toxteth.	
Labourers	8	2	2	..	4	1	..	..	..	1	..	..	8	9	1	3	5	44
Tradesmen	3	1	1	..	2	..	..	..	..	2	1	1	12	6	5	3	5	42
Seamen	..	..	.	1	..	..	..	..	..	..	..	..	4	2	..	1	2	10
Professions and Mercantile ..	..	..	..	..	..	..	..	..	..	..	..	1	3	1	1	3	..	9
Servants	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	2
Sanitary Inspector	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Police Constables	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	3
Unknown	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	3
Males	6	..	1	1	3	..	..	..	..	3	..	1	10	8	4	2	11	50
Females	6	4	2	..	3	1	..	..	..	..	3	2	19	10	3	9	2	64
Total	12	4	3	1	6	1	..	..	..	3	3	3	29	18	7	11	13	114

TOXTETH WORKHOUSE.

(Not ncluded in the Mortality of the City, being beyond the Municipal Boundaries

One male, a labourer, residence in South Toxteth Ward.

SCARLATINA.

Scarlatina accounted during the year for 277 deaths,or for 112 in the Parish, and 165 in the Out-Townships. (The average number of deaths for the preceding ten years was 421.) The rate of its mortality was equal to 0·5 per 1000 of the estimated population. Its rate relatively to deaths from all causes was 1·0 per cent. in the first quarter, 0·7 in the second, 1·7 in the third, and 4·3 in the fourth quarter of the year; its annual rate relatively to all deaths was 2·0 per cent., and relatively to deaths from zymotic causes 12·5 per cent.

The first of the following tables gives a statistical history of the mortality of Scarlatina during the year 1886 ; the second is a record of the streets of the City wherein two or more deaths occurred from that disease.

WARDS.		Quarters. March. M.	March. F.	June. M.	June. F.	Sept. M.	Sept. F.	Dec. M.	Dec. F.	Year. M.	Year. F.	Year. Total.
Scotland	Below 5 years ..	3	3	..	2	5	2	9	5	17	12	29
	Above 5 years ..	2	1	..	1	1	..	1	1	4	3	7
Vauxhall	Below 5 years ..	..	..	..	1	..	..	1	..	1	1	2
	Above 5 years ..	..	..	..	..	..	1	2	..	2	1	3
St. Paul's	Below 5 years ..	..	..	.	..	..	1	..	..	..	1	1
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Exchange	Below 5 years ..	..	..	..	1	..	2	..	..	..	3	3
	Above 5 years ..	..	..	..	..	..	1	1	..	1	1	2
St. Anne's	Below 5 years ..	.	1	..	1	6	2	5	2	11	6	17
	Above 5 years ..	..	..	..	..	..	1	1	2	1	3	4
Lime Street	Below 5 years ..	..	..	..	..	1	..	1	2	2	2	4
	Above 5 years ..	..	..	..	..	..	1	..	1	..	2	2
Castle Street	Below 5 years ..	..	..	..	..	..	..	1	..	1	..	1
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	1	..	..	..	..	..	..	..	1	..	1
Pitt Street	Below 5 years ..	..	..	..	..	..	..	1	..	1	..	1
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Great George	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Rodney Street.. ..	Below 5 years ..	2	1	..	..	..	1	3	1	5	3	8
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Abercromby	Below 5 years ..	..	..	..	..	..	..	1	1	1	1	2
	Above 5 years ..	..	..	..	..	..	1	..	2	..	3	3
Parish Workhouse and Hospitals	Below 5 years .	2	1	1	..	5	..	1	3	9	4	13
	Above 5 years ..	..	..	..	1	3	2	1	2	4	5	9
Out-Township Hospitals	Below 5 years ..	1	..	..	..	..	..	4	3	5	3	8
	Above 5 years ..	1	..	..	..	1	1	6	3	8	4	12
Everton..	Below 5 years ..	7	3	3	2	3	2	15	6	28	13	41
	Above 5 years ..	1	1	1	2	2	1	11	9	15	13	28
Kirkdale	Below 5 years ..	2	1	..	1	1	..	3	5	6	7	13
	Above 5 years ..	..	..	..	1	..	1	2	1	2	3	5
West Derby	Below 5 years ..	2	2	..	2	2	..	8	6	12	10	22
	Above 5 years ..	..	..	..	..	..	1	2	5	2	6	8
North Toxteth.. ..	Below 5 years ..	1	..	..	1	4	2	1	2	6	5	11
	Above 5 years ..	.	..	..	..	1	..	4	2	5	2	7
South Toxteth.. ..	Below 5 years ..	1	..	..	..	1	1	3	2	5	3	8
	Above 5 years ..	..	..	..	1	..	1	..	..	..	2	2
Parish	Below 5 years ..	7	6	1	5	17	8	23	14	48	33	81
	Above 5 years ..	3	1	..	2	4	7	6	8	13	18	31
Out-Townships ..	Below 5 years ..	14	6	3	6	11	5	34	24	62	41	103
	Above 5 years ..	2	1	1	4	4	5	25	20	32	30	62
City . ..	Below 5 years ..	21	12	4	11	28	13	57	38	110	74	184
	Above 5 years ..	5	2	1	6	8	12	31	28	45	48	93

List of Streets in the City wherein Two or more Deaths from Scarlatina occurred during the Year 1886.

Streets in the Parish.	Houses.		Total.	Streets in the Out-Townships.	Houses.		Total
	Front.	Court.			Front.	Court.	
Addison	..	2	2	Alt	3	..	3
Arley	1	1	2	Arlington	2	..	2
Blenheim	1	1	2	Barnet	3	..	3
Bolton	1	2	3	Beaufort	3	.	3
Bostock	2	1	3	Bebington	2	..	2
Boundary .. .	2	..	2	Caird	4	..	4
Burlington	1	2	3	Crealock	2	..	2
Canterbury	3	..	3	Creswick	2	..	2
Circus	2	..	2	Delamore	2	..	2
Clare	2	..	2	Elm Grove	2	..	2
Edward	1	1	2	Great Homer	..	2	2
Ellenborough	..	2	2	Haigh	2	..	2
Epsom	3	..	3	Luther	2	..	2
Ford	..	2	2	Mill Road	2	..	2
Gerard	3	.	3	Mornington	2	..	2
Milton	..	3	3	Netherfield Road North	2	..	2
Roscoe Lane	..	2	2	Prince Edwin	3	..	3
Rose Place	..	3	3	Priory	2	..	2
St. Andrew . ..	..	2	2	Queens Road	2	..	2
Silvester	..	2	2	Rolfe	2	..	2
Slade	3	3	6	Royston	2	..	2
Whale	2	..	2	Salisbury	2	..	2
				Shallcross	2	..	2
				Sheridan	2	1	3
				Tunnel Road . ..	2	..	2
				West Derby Road ..	3	..	3
				Whitefield Road ..	5	..	5

MEASLES

Occasioned 273 deaths, of which 96 occurred in the Parish, and 177 in the Out-Townships. (The average number of deaths for the preceding ten years was 518.) Its percentage death-rate relatively to deaths from all causes was 2·0 in the first quarter of the year, 1·1 in the second, 0·8 in the third, and 3·8 in the fourth. Its annual percentage rate relatively to deaths from all causes was 2·0, and relatively to deaths from Zymotic causes 12·3.

WARDS.		Quarters.								Year.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	Below 5 years ..	3	..	..	1	2	1	16	9	21	11	32
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Vauxhall	Below 5 years ..	2	1	..	1	..	..	3	..	5	2	7
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Paul's	Below 5 years ..	2	1	..	..	..	..	..	..	2	1	3
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Exchange	Below 5 years ..	1	..	..	..	..	..	..	..	1	..	1
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Anne's	Below 5 years ..	1	..	2	..	1	..	2	4	6	4	10
	Above 5 years ..	..	..	..	..	1	..	..	..	1	..	1
Lime Street	Below 5 years ..	..	..	..	..	3	1	..	2	3	3	6
	Above 5 years ..	..	1	..	..	..	..	..	..	..	1	1
Castle Street	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Great George	Below 5 years ..	..	1	..	..	..	..	..	..	..	1	1
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Rodney Street	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Abercromby	Below 5 years ..	2	1	2	..	..	..	2	3	6	4	10
	Above 5 years ..	..	1	..	..	..	..	..	..	..	1	1
Parish Workhouse and Hospitals	Below 5 years ..	7	1	..	2	2	1	3	3	12	7	19
	Above 5 years ..	..	2	..	..	..	..	..	2	..	4	4
Out-Township Hospitals	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Everton	Below 5 years ..	2	3	5	4	6	2	24	17	37	26	63
	Above 5 years ..	..	1	..	..	..	..	3	2	3	3	6
Kirkdale	Below 5 years ..	3	3	..	..	3	1	13	13	19	17	36
	Above 5 years ..	..	..	..	..	..	1	1	1	1	2	3
West Derby	Below 5 years ..	14	12	4	4	1	..	5	4	24	20	44
	Above 5 years ..	2	2	..	..	..	..	1	..	3	2	5
North Toxteth ..	Below 5 years ..	2	5	3	1	2	..	..	1	7	7	14
	Above 5 years ..	..	..	..	1	..	..		..	..	1	1
South Toxteth ..	Below 5 years ..	2	1	1	..	..	1	..	..	3	2	5
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Parish	Below 5 years .	18	5	4	4	8	3	26	21	56	33	89
	Above 5 years ..	..	4	..	..	1	..	..	2	1	6	7
Out-Townships ..	Below 5 years ..	23	24	13	9	12	4	42	35	90	72	162
	Above 5 years ..	2	3	..	1	..	1	5	3	7	8	15
City	Below 5 years ..	41	29	17	13	20	7	68	56	146	105	251
	Above 5 years ..	2	7	..	1	1	1	5	5	8	14	22

DIARRHŒA

Accounted for 781 deaths, or for 254 in the Parish, and 527 in the Out-townships. (The average number of deaths for the preceding ten years was 658). Its percentage death-rate relatively to deaths from all causes was 0·7 in the first quarter of the year, 1·1 in the second, 17·4 in the third, and 2·9 in the fourth quarter. Its annual percentage rate relatively to deaths from all causes was 5·6, and relatively to deaths from Zymotic causes 35·3.

WARDS.		Quarters.								Year.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	Below 5 years	3	2	2	1	33	42	7	6	45	51	96
	Above 5 years	..	..	1	..	2	3	..	1	3	4	7
Vauxhall	Below 5 years	1	..	1	..	3	4	..	2	5	6	11
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Paul's	Below 5 years	..	..	..	1	2	2	1	..	3	3	6
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Exchange	Below 5 years	..	..	..	..	..	1	1	..	1	1	2
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Anne's	Below 5 years	..	..	1	..	8	10	1	1	10	11	21
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Lime Street	Below 5 years	..	..	..	..	4	2	..	1	4	3	7
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Castle Street	Below 5 years	..	..	..	..	2	..	..	..	2	..	2
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years	..	..	..	..	1	1	..	1	1	2	3
	Above 5 years	1	..	..	..	..	..	..	..	1	..	1
Pitt Street	Below 5 years	..	..	1	..	3	2	2	..	6	2	8
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Great George	Below 5 years	..	1	1	..	10	3	2	1	13	5	18
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Rodney Street	Below 5 years	..	..	..	..	5	9	1	1	6	10	16
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Abercromby	Below 5 years	..	..	..	..	7	4	2	2	9	6	15
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
Parish Workhouse and Hospitals	Below 5 years	1	1	..	..	1	2	..	2	2	5	7
	Above 5 years	3	6	1	7	2	4	4	7	10	24	34
Out-Township Hospitals	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	1	2	..	..	1	2	3
Everton	Below 5 years	..	2	5	3	64	47	5	11	74	63	137
	Above 5 years	..	..	..	..	5	..	..	..	5	..	5
Kirkdale	Below 5 years	2	..	1	1	53	36	6	9	62	46	108
	Above 5 years	..	..	..	..	4	3	..	4	4	7	11
West Derby	Below 5 years	..	..	..	1	46	44	4	..	50	45	95
	Above 5 years	..	..	..	..	1	5	1	1	2	6	8
North Toxteth	Below 5 years	1	1	1	..	31	33	7	1	40	35	75
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
South Toxteth	Below 5 years	1	3	3	..	31	36	2	5	37	44	81
	Above 5 years	.	..	..	1	..	2	..	1	..	4	4
Parish	Below 5 years	5	4	6	2	79	82	17	17	107	105	212
	Above 5 years	4	6	2	7	4	7	4	8	14	28	42
Out-Townships	Below 5 years	4	6	10	5	225	196	24	26	263	233	496
	Above 5 years	..	..	..	1	11	12	1	6	12	19	31
City	Below 5 years	9	10	16	7	304	278	41	43	370	338	708
	Above 5 years	4	6	2	8	15	19	5	14	26	47	73

List of Streets in the City wherein Three or more Deaths from Diarrhœa occurred during the Year 1886.

Streets in the Parish.	Houses.		Total.	Streets in the Out-Townships.	Houses.		Total.
	Front.	Court.			Front.	Court.	
Athol	3	..	3	Argos Road	3	..	3
Back Portland	2	1	3	Arlington	3	..	3
Benledi	3	..	3	Beatrice	5	..	5
Bond	2	1	3	Beaufort	6	..	6
Bostock	2	3	5	Bengel	3	..	3
Brick	2	1	3	Buckingham	7	..	7
Burlington	1	2	3	Bute	3	.	3
Clement	2	1	3	Chapman	4	..	4
Duckinfield	2	3	5	Delamore	4	..	4
Hornby	1	4	5	Evelyn	7	..	7
Islington	3	..	3	Field	3	..	3
Kent	1	2	3	Forth	3	..	3
Menai . ..	5	..	5	Fountains Road ..	5	..	5
Nile	4	..	4	Gordon	5	..	5
Pembroke	1	2	3	Goring	4	..	4
Penrhyn	3	..	3	Grafton	3	..	3
Queen Anne	3	..	3	Gregson	3	..	3
Raymond	2	2	4	Holborn	5	..	5
Richmond Row	2	2	4	Lamb	5	..	5
Rose Place	3	1	4	Lancaster	4	..	4
Silvester	2	1	3	Mann	3	7	10
Tatlock	..	4	4	Mill	5	..	5
Tenterden	2	1	3	Park Place	2	1	3
Titchfield	4	1	5	Phythian	5	..	5
Upper Frederick ..	4	..	4	Robsart	3	..	3
Vauxhall Road	3	..	3	Roper	1	2	3
				Rutter	3	..	3
Victoria Square ..	3	..	3	Salisbury Road .. .	3	..	3
				Stitt	3	..	3
				Westminster Road ..	3	1	4
				Wolfe	3	1	4

DIARRHŒA IN DATES OF DEATH, 1886.

Date. June.	No. of Deaths.	Mean Reading of Barometer.	Mean Temperature.	Rain. Amount in Inches.	Rain. Hours.	Wind. Mean Daily Velocity in Miles.	Wind. Direction.
1	..	29·848	51·7	0·357	11·6	309	E
2	..	29·911	51·7	0·022	1·5	311	W & Var
3	1	30·124	51·2	..	..	311	ESE
4	..	30·179	55·8	..	..	208	SE & NW
5	..	30·117	54·6	..	..	199	WNW
6	..	29·997	55·1	..	..	251	WNW
7	1	29·944	56·0	..	..	197	WNW
8	..	29·888	58·8	0·062	1·8	197	SE & E
9	1	29·780	61·9	0·057	0·9	202	SE & E
10	1	29·767	59·1	0·040	1·5	236	SE & W
11	..	29·803	58·9	..	..	220	SSW
12	..	29·642	55·3	0·037	0·7	314	W & S
13	1	29·808	54·2	0·040	0·5	455	W
14	..	29·856	54·5	0·256	5·5	448	SSW & W
15	1	29·967	54·5	..	..	943	W
16	..	30·087	52·6	..	..	797	W
17	1	30·113	52·2	..	..	540	WNW
18	..	30·069	55·3	..	..	232	WNW & NE
19	..	29·948	55·9	0·005	0·4	328	W
20	..	30·070	56·4	..	..	266	NW & E
21	..	30·071	53·8	..	..	551	WNW
22	..	29·905	53·1	0·078	2·1	651	W
23	..	29·741	54·3	..	..	945	W
24	..	29·893	59·3	..	..	599	WSW
25	..	29·921	58·7	..	..	504	WSW
26	..	30·048	55·9	..	..	173	WNW
27	1	30·158	59·6	..	..	187	WNW & SE
28	..	30·196	59·6	..	..	124	NW
29	..	30·267	61·9	..	..	135	NW
30	1	30·289	62·0	..	..	156	WNW

DIARRHŒA IN DATES OF DEATH, 1886.

Date. July.	No. of Deaths.	Mean Reading of Barometer.	Mean Temperature.	Rain. Amount in Inches.	Rain. Hours.	Wind. Mean Daily Velocity in Miles.	Wind. Direction.
1	..	30·246	66·6	..	..	182	NW & ESE
2	..	30·277	66·2	..	..	120	WNW
3	2	30·323	66·0	..	..	154	WNW
4	..	30·295	62·7	..	..	300	WNW
5	..	30·278	60·4	..	..	300	WNW
6	1	30·082	62·4	..	..	317	WNW
7	..	29·951	60·4	..	..	173	WNW
8	4	29·870	55·7	..	..	408	WNW
9	3	30·040	57·1	..	..	300	WNW
10	2	30·150	59·6	..	..	195	WNW
11	2	29·998	65·6	0·067	2·0	402	SW
12	2	29·918	59·4	..	..	470	W
13	1	29·796	58·5	0·527	5·4	356	WSW
14	1	29·427	55·9	..	..	927	W
15	..	29·698	57·0	0·150	1·1	673	W
16	1	29·763	55·8	..	..	507	W
17	6	29·903	63.2	0·070	4·1	232	SSE
18	1	29·742	66·7	..	..	313	SSE
19	6	29·676	63·7	0·005	0·6	277	SW & W
20	6	29·897	65·8	..	..	291	SSE & SW
21	..	29·763	63·4	0·812	2·7	482	ESE
22	3	29·607	60·0	0·241	5·2	510	SE & SSW
23	6	29·554	58·1	0·281	7·3	370	SE & SW
24	2	29·561	57·4	..	..	488	WSW
25	4	29·520	60·5	0·718	6·5	274	SE & W
26	4	29·459	53·8	0·298	10·8	319	W & N
27	3	29·825	53·4	..	..	421	WNW & N
28	4	30·063	54·9	0·055	1·6	332	WNW
29	4	29·919	57·0	0·420	9·3	310	SE & SSW
30	6	29·705	57·3	0·080	3·5	150	NW & S
31	5	29·711	57·8	..	..	460	W

DIARRHŒA IN DATES OF DEATH, 1886.

Date. August.	No. of Deaths.	Mean Reading of Barometer.	Mean Temperature.	Rain. Amount in Inches.	Rain. Hours.	Wind. Mean Daily Velocity in Miles.	Wind. Direction.
1	9	29·735	57·1	..	..	257	WNW
2	5	29·798	55·2	..	..	444	WNW & N
3	7	30·084	54·6	..	..	247	NW
4	11	30·130	56·7		..	123	NNW
5	13	29·995	61·0	0·057	2·5	226	SSE
6	4	29·909	61·8	0·090	2·4	401	WSW
7	5	29·897	62·6	0·014	1·1	426	WSW
8	4	29·985	61·7	..	..	375	WSW
9	11	29·979	60·1	0·082	2·9	178	WNW & SW
10	4	29·742	57·8	0·062	1·2	313	W & Var
11	9	29·835	57·0	0·092	0·8	682	WSW
12	6	29·804	58·0	0·220	4·8	358	SW & SE
13	6	29·460	61·7	0·099	1·6	285	SE & NW
14	5	29·860	57·4	..	..	180	WNW & NNE
15	9	29·942	62·8	0·630	5·6	335	S
16	14	29·749	58·9	0·160	2·0	601	WSW
17	9	29·986	56·2	..	..	715	WNW
18	3	30·191	61·1	0·102	2·5	122	WNW
19	17	30·219	59·0	..	..	341	WNW
20	11	30·240	63·3	..	..	115	WNW
21	6	30·105	59·7	0·026	0·7	138	N & Var
22	9	30·076	62·8	..	..	221	ENE
23	8	29·988	64·3	..	..	233	ESE
24	8	29·940	61·7	..	..	147	NW & WSW
25	6	29·945	62·5	..	..	321	SW
26	8	29·917	61·7	0·028	0·5	580	SW
27	8	30·084	63·9	..	..	113	N & E
28	8	30·041	65·5	..	..	260	SSW
29	12	30·007	63·2	..	..	171	SSW
30	11	29·953	67·2	..	..	217	SSE
31	12	29·993	66·9	0·038	0·7	218	SSE & Var

DIARRHŒA IN DATES OF DEATH, 1886.

Date. Sept.	No. of Deaths.	Mean Reading of Barometer.	Mean Temperature.	Rain. Amount in Inches.	Rain. Hours.	Wind. Mean Daily Velocity in Miles.	Wind. Direction.
1	13	30·100	59·2	..	..	239	WNW
2	6	30·129	56·5	..	..	162	WNW & N
3	10	30·177	60·5	..	..	278	ENE
4	13	30·042	64·1	0·282	3·8	361	E
5	16	29·830	58·9	0·058	2·2	219	SE & SSW
6	9	29·828	59·0	0·037	0·8	366	S
7	22	29·900	60·7	..	..	365	SSW
8	12	29·701	59·3	0·172	2·9	472	SSW
9	17	29·670	59·7	1·493	11·1	477	S
10	8	29·680	54·5	..	..	364	WSW & NW
11	9	29·816	59·8	0·188	3·3	411	S
12	12	29·875	59·3	0·207	5·5	292	S & W
13	12	29·990	63·9	..	..	251	SSE
14	8	30·134	55·6	..	..	276	WNW
15	4	30·458	51·7	..	..	465	ENE
16	12	30·508	53·8	..	..	364	E
17	11	30·307	53·9	..	..	424	E
18	11	30·185	55·7	..	..	422	E
19	8	30·103	54·9	..	..	201	E
20	4	29·943	54·4	..	..	199	ENE
21	8	29·785	50·1	..	..	380	ENE
22	6	29·920	49·8	..	..	379	NE
23	7	30·127	50·5	..	..	165	NNE
24	7	30·149	51·3	0·009	0·5	184	WNW
25	1	30·025	52·5	0·570	10·5	298	SSE
26	7	30·032	54·4	0·159	4·0	328	W & S
27	6	29·770	57·1	0·056	1·5	686	WSW & S
28	9	29·943	55·8	0·094	4·1	586	WSW
29	3	29·828	62·9	..	..	674	SW
30	5	29·787	60·0	0·082	2·1	371	SW & SSE

DIARRHŒA IN DATES OF DEATH, 1886.

Date. October	No. of Deaths.	Mean Reading of Barometer.	Mean Temperature.	Rain. Amount in Inches.	Rain. Hours.	Wind. Mean Daily Velocity in Miles.	Wind. Direction.
1	6	29·572	52 9	0 910	13·9	303	SE & NW
2	4	29 770	55 8	..	..	341	SSW & SE
3	4	29·971	57·8	0·014	0·5	410	ESE
4	5	29·905	63.2	..	..	406	ESE
5	4	29·781	63·8	0·103	3·8	397	E & W
6	3	29·780	54·4	0·276	6·9	170	W & S
7	4	29·793	58·6	0·134	0·6	260	SE
8	3	29 935	53·8	0·009	0·8	133	WNW
9	4	29·657	52 5	0·183	2·4	466	SE & Var.
10	2	29 568	51·4	0·119	1·8	416	WSW
11	2	29·743	53·6	..	..	438	SW
12	..	29·310	54·1	0·448	7·1	466	SSW
13	3	29·278	49·1	0·430	3·5	595	W
14	2	29·563	51·9	0·142	2·0	400	WSW
15	4	28 790	53·7	0·083	2·5	517	SSE & E
16	2	28 830	51·2	0·194	4·2	413	NNE
17	1	29 145	50·0	0·247	3·5	426	NE & NW
18	2	29·559	50·6	0·050	1·4	417	NNE
19	..	29·655	48·7	0·364	5·0	372	NNE
20	1	29·694	52 5	0·288	1·4	183	ESE
21	2	29·885	47·7	0·280	1·7	262	W & S
22	2	29·940	48·3	..	..	274	SE & Var.
23	1	30·090	49 6	..	..	481	ENE
24	2	30 328	49·2	..	..	454	ENE
25	3	30 339	45·6	..	..	455	ENE
26	2	30 242	47·4	..	..	379	ENE
27	1	29·980	47·7	..	..	447	ENE
28	2	30 063	50 6	0·446	6·9	348	ESE
29	..	30·166	53·5	0·130	2·5	303	SSE
30	3	30·258	53·7	0·082	2·6	242	SSE
31	..	29·990	51·9	0·008	0·6	255	SSE

WHOOPING COUGH

Occasioned 152 deaths, or 39 in the Parish and 113 in the Out-Townships. (The average number of deaths for the preceding ten years was 472). Its percentage death-rate relatively to deaths from all causes was 1·8 in the first quarter of the year, 1·5 in the second, 0·5 in the third, and 0·6 in the fourth; its percentage rate relatively to deaths from all causes was 1·1, and relatively to deaths from Zymotic causes 6·9.

DEATHS FROM WHOOPING COUGH.

WARDS.		Quarters.								Year.		
		March.		June.		Sept.		Dec.				
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	Below 5 years ..	1	3	..	2	2	..	1	2	4	7	11
	Above 5 years ..	..	..	..	..	..	..	..	1	..	1	1
Vauxhall	Below 5 years ..	5	2	..	..	..	..	..	..	5	2	7
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Paul's	Below 5 years ..	..	..	1	..	..	..	..	..	1	..	1
	Above 5 years ..	..	..	..	..	..	1	..	..	..	1	1
Exchange	Below 5 years ..	..	1	..	..	..	1	..	..	..	2	2
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Anne's	Below 5 years ..	3	4	2	1	..	..	..	..	5	5	10
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Lime Street	Below 5 years ..	..	1	1	..	..	..	..	..	1	1	2
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Castle Street	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Great George	Below 5 years ..	..	1	..	..	..	..	..	..	..	1	1
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Rodney Street.. ..	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Abercromby	Below 5 years ..	1	..	..	..	..	..	..	..	1	..	1
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Parish Workhouse and Hospitals	Below 5 years ..	..	1	..	1	..	..	..	..	..	2	2
	Above 5 years .	..	..	..	..	..	..	..	..	.	..	..
Out-TownshipHospitals	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	1	..	..	..	..	..	1	1
Everton	Below 5 years ..	7	11	8	9	2	3	2	2	19	25	44
	Above 5 years ..	..	..	..	..	..	..	..	..	.	..	..
Kirkdale . ..	Below 5 years ..	..	7	2	7	..	1	3	1	5	16	21
	Above 5 years ..	..	..	..	..	..	..	1	..	1	..	1
West Derby	Below 5 years ..	7	5	1	..	..	2	1	5	9	12	21
	Above 5 years ..	..	..	..	1	..	..	..	..	..	1	1
North Toxteth ..	Below 5 years ..	2	3	..	5	1	1	..	..	3	9	12
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
South Toxteth ..	Below 5 years ..	3	4	..	1	3	..	1	..	7	5	12
	Above 5 years ..	..	..	.	..	..	..	..	..	..	..	..
Parish	Below 5 years ..	10	13	4	4	2	1	1	2	17	20	37
	Above 5 years ..	..	..	..	..	..	1	..	1	..	2	2
Out-Townships ..	Below 5 years ..	19	30	11	22	6	7	7	8	43	67	110
	Above 5 years ..	..	..	..	2	..	..	1	..	1	2	3
City	Below 5 years ..	29	43	15	26	8	8	8	10	60	87	147
	Above 5 years ..	..	..	..	2	..	1	1	1	1	4	5

DEATHS FROM CROUP.

WARDS.		Quarters. March. M.	March. F.	June. M.	June. F.	Sept. M.	Sept. F.	Dec. M.	Dec. F.	Year. M.	Year. F.	Year. Total.
Scotland	Below 5 years ..	1	..	..	1	2	1	7	2	10	4	14
	Above 5 years ..	1	..	1	..	..	..	..	..	2	..	2
Vauxhall	Below 5 years ..	..	...	..	..	2	..	..	..	2	..	2
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Paul's	Below 5 years ..	..	..	1	..	..	..	..	1	1	1	2
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Exchange	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Anne's	Below 5 years ..	1	1	..	..	..	1	..	1	1	3	4
	Above 5 years ..	..	..	..	..	..	..	..	1	..	1	1
Lime Street	Below 5 years ..	..	..	..	..	..	1	..	1	..	2	2
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Castle Street	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	Below 5 years ..	..	..	..	..	..	..	..	1	..	1	1
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Great George	Below 5 years ..	1	..	2	..	..	..	..	..	3	..	3
	Above 5 years ..	..	..	..	1	..	..	..	.	..	1	1
Rodney Street.. ..	Below 5 years ..	..	..	..	..	..	1	..	1	..	2	2
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Abercromby	Below 5 years ..	..	..	..	..	..	..	2	..	2	..	2
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Parish Workhouse and Hospitals	Below 5 years ..	..	2	..	..	1	1	..	..	1	3	4
	Above 5 years ..	..	..	..	..	..	..	1	..	1	..	1
Out-Township Hospitals	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	1	..	..	..	..	..	..	..	1	..	1
Everton	Below 5 years ..	8	4	1	2	3	..	5	2	17	8	25
	Above 5 years ..	1	..	1	..	..	1	..	..	2	1	3
Kirkdale	Below 5 years ..	4	2	2	..	3	..	3	1	12	3	15
	Above 5 years ..	1	3	1	..	..	..	..	..	2	3	5
West Derby	Below 5 years ..	4	8	1	6	2	1	..	1	7	16	23
	Above 5 years ..	2	..	1	..	..	..	..	..	3	..	3
North Toxteth.. ..	Below 5 years ..	3	1	4	1	..	1	2	1	9	4	13
	Above 5 years ..	..	..	..	1	..	..	1	1	1	2	3
South Toxteth.. ..	Below 5 years ..	..	1	1	1	..	2	2	1	3	5	8
	Above 5 years ..	..	..	..	..	..	1	1	..	1	1	2
Parish	Below 5 years ..	3	3	3	1	5	5	9	7	20	16	36
	Above 5 years ..	1	..	1	1	..	..	1	1	3	2	5
Out-Townships ..	Below 5 years ..	19	16	9	10	8	4	12	6	48	36	84
	Above 5 years ..	5	3	3	1	..	2	2	1	10	7	17
City	Below 5 years ..	22	19	12	11	13	9	21	13	68	52	120
	Above 5 years ..	6	3	4	2	..	2	3	2	13	9	22

DEATHS FROM DIPHTHERIA.

WARDS.		Quarters. March. M.	March. F.	June. M.	June. F.	Sept. M.	Sept. F.	Dec. M.	Dec. F.	Year. M.	Year. F.	Year. Total.
Scotland	Below 5 years ..	1	..	1	..	.	..	..	..	2	..	2
	Above 5 years ..	..	..	..	.	..	1	..	..	..	1	1
Vauxhall	Below 5 years ..	..	..	..	..	1	..	..	..	1	..	1
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Paul's	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	1	..	1	..	1
Exchange	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Anne's	Below 5 years ..	..	..	..	..	..	..	1	2	1	2	3
	Above 5 years ..	..	..	..	..	..	..	..	1	..	1	1
Lime Street	Below 5 years ..	..	..	..	..	1	..	1	..	2	..	2
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Castle Street	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	Below 5 years ..	..	..	..	..	..	..	1	..	1	..	1
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Great George	Below 5 years ..	..	..	..	..	..	..	1	.	1	..	1
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Rodney Street.. ..	Below 5 years ..	..	1	..	..	..	..	2	..	2	1	3
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Abercromby	Below 5 years ..	..	1	..	..	..	..	..	..	..	1	1
	Above 5 years ..	..	..	..	1	1	..	..	..	1	1	2
Parish Workhouse and Hospitals	Below 5 years ..	3	1	..	..	2	4	3	2	8	7	15
	Above 5 years ..	1	..	.	..	..	..	..	1	1	1	2
Out-Township Hospitals	Below 5 years ..	..	..	..	..	..	1	..	..	..	1	1
	Above 5 years ..	..	..	..	..	..	1	1	..	1	1	2
Everton	Below 5 years ..	3	1	2	1	..	..	2	2	7	4	11
	Above 5 years ..	..	..	..	..	..	2	1	5	1	7	8
Kirkdale	Below 5 years ..	3	2	..	5	1	3	3	1	7	11	18
	Above 5 years ..	1	..	..	..	1	..	1	2	3	2	5
West Derby	Below 5 years ..	4	3	..	..	1	..	1	..	6	3	9
	Above 5 years ..	..	..	..	..	..	2	1	2	1	4	5
North Toxteth.. ..	Below 5 years ..	3	2	4	3	..	1	1	2	8	8	16
	Above 5 years ..	..	2	1	1	..	2	..	4	1	9	10
South Toxteth.. ..	Below 5 years ..	..	1	1	..	..	..	..	..	1	1	2
	Above 5 years ..	..	..	..	..	1	..	1	..	2	..	2
Parish . ..	Below 5 years ..	4	3	1	..	4	4	9	4	18	11	29
	Above 5 years ..	1	..	..	1	1	1	1	2	3	4	7
Out-Townships ..	Below 5 years ..	13	9	7	9	2	5	7	5	29	28	57
	Above 5 years ..	1	2	1	1	2	7	5	13	9	23	32
City	Below 5 years ..	17	12	8	9	6	9	16	9	47	39	86
	Above 5 years ..	2	2	1	2	3	8	6	15	12	27	39

DEATHS FROM SMALL-POX.

WARDS.		Quarters. March. M.	March. F.	June. M.	June. F.	Sept. M.	Sept. F.	Dec. M.	Dec. F.	Year. M.	Year. F.	Year. Total.
Scotland	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Vauxhall	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	.	..	..	..	..	..	..	..	..
St. Paul's	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Exchange	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	1	..	..	..	1	1
St. Anne's	Below 5 years ..	..	..	..	..	.	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Lime Street	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Castle Street	Below 5 years	..	..	.	..	..	..	..	..	..	..	..
	Above 5 years ..	.	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years ..	..	..	.	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	Below 5 years ..	.	..	..	..	.	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Great George	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Rodney Street.. ..	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Abercromby	Below 5 years ..	..	..	..	..	.	..	..	..	..	..	..
	Above 5 years ..	..	..	..	.	..	..	..	..	..	.	..
Parish Workhouses and Hospitals	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Out-Township Hospitals	Below 5 years ..	1	6	..	..	..	..	..	..	1	6	7
	Above 5 years ..	12	4	1	1	1	..	..	..	14	5	19
Everton	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	.	..	..	..	..
Kirkdale	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
West Derby	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
North Toxteth ..	Below 5 years ..	..	..	..	..	..	..	.	..	..	..	..
	Above 5 years ..	..	..	..	.	..	..	..	..	..	..	..
South Toxteth ..	Below 5 years ..	1	1	..	..	..	..	..	..	1	1	2
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Parish	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	1	..	..	..	1	1
Out-Townships ..	Below 5 years ..	2	7	..	..	..	..	..	..	2	7	9
	Above 5 years ..	12	4	1	1	1	..	..	..	14	5	19
City	Below 5 years ..	2	7	..	..	..	..	..	..	2	7	9
	Above 5 years ..	12	4	1	1	1	1	..	..	14	6	20

OTHER ZYMOTICS.

Under the term of other Zymotics are included :—Chicken Pox, Cholera, Dysentery, Infantile Remittent Fever, Erysipelas, Syphilis, Thrush, Puerperal Fever, Rheumatic Fever, Quinsy, Mumps, Ague, Purpura, Scurvy, and Charbon.

WARDS.		Quarters.								Year.		
		March.		June.		Sept.		Dec.				
		M	F.	M.	F.	M.	F.	M.	F.	M.	F.	Total.
Scotland	Below 5 years ..	1	2	3	2	1	4	3	1	8	9	17
	Above 5 years ..	1	1	3	..	..	1	..	1	4	3	7
Vauxhall	Below 5 years ..	2	1	..	1	2	..	1	..	5	2	7
	Above 5 years ..	1	1	..	..	..	..	..	..	1	1	2
St. Paul's	Below 5 years ..	..	..	..	..	..	1	..	..	..	1	1
	Above 5 years ..	..	1	..	..	..	1	..	..	..	2	2
Exchange	Below 5 years ..	1	..	1	..	..	..	..	..	2	..	2
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Anne's	Below 5 years ..	2	..	1	3	1	..	1	..	5	3	8
	Above 5 years ..	..	..	..	..	..	..	..	1	..	1	1
Lime Street	Below 5 years ..	1	1	..	..	..	..	..	1	1	2	3
	Above 5 years ..	1	1	..	..	..	..	..	..	1	1	2
Castle Street	Below 5 years ..	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years ..	1	1	..	..	..	..	..	..	1	1	2
	Above 5 years ..	1	..	1	..	1	..	..	1	3	1	4
Pitt Street	Below 5 years ..	..	..	1	..	..	..	..	1	1	1	2
	Above 5 years ..	..	..	..	..	1	..	..	1	1	1	2
Great George	Below 5 years ..	..	..	..	..	1	2	..	1	1	3	4
	Above 5 years ..	..	..	..	..	..	1	2	1	2	2	4
Rodney Street.. ..	Below 5 years ..	2	1	1	..	1	1	..	..	4	2	6
	Above 5 years ..	..	..	1	..	..	..	..	1	1	1	2
Abercromby	Below 5 years ..	3	1	1	..	1	..	..	..	5	1	6
	Above 5 years ..	..	..	2	..	..	..	..	..	2	..	2
Parish Workhouse and Hospitals	Below 5 years ..	4	5	..	2	..	2	4	..	8	9	17
	Above 5 years ..	3	2	4	1	4	1	5	..	16	4	20
Out-Township Hospitals	Below 5 years ..	..	..	..	..	..	2	..	..	..	2	2
	Above 5 years ..	3	2	.	1	2	..	..	..	5	3	8
Everton..	Below 5 years ..	3	2	2	2	2	3	2	3	9	10	19
	Above 5 years ..	3	..	1	5	..	..	3	2	7	7	14
Kirkdale	Below 5 years ..	3	1	1	..	3	..	2	3	9	4	13
	Above 5 years ..	1	2	..	3	..	1	1	1	2	7	9
West Derby	Below 5 years ..	..	2	4	1	1	..	..	1	5	4	9
	Above 5 years ..	2	..	2	1	2	1	1	1	7	3	10
North Toxteth.. ..	Below 5 years ..	..	..	..	..	2	2	1	1	3	3	6
	Above 5 years ..	1	2	..	2	..	2	1	1	2	7	9
South Toxteth.. ..	Below 5 years ..	..	..	..	..	2	3	..	2	2	5	7
	Above 5 years ..	..	2	1	1	..	..	1	1	2	4	6
Parish	Below 5 years ..	17	12	8	8	7	10	9	4	41	34	75
	Above 5 years ..	7	6	11	1	6	4	7	6	31	17	48
Out-Townships ..	Below 5 years ..	6	5	7	3	10	10	5	10	28	28	56
	Above 5 years ..	10	8	4	13	4	4	7	6	25	31	56
City	Below 5 years ..	23	17	15	11	17	20	14	14	69	62	131
	Above 5 years ..	17	14	15	14	10	8	14	12	56	48	104

TUBERCULAR DISEASES.

This group of diseases includes Phthisis, Scrofula, Tabes Mesenterica, and Hydrocephalus. They occasioned 1,886 deaths in the City of Liverpool during the year 1886, of which 785 occurred in the Parish, and 1,101 in the Out-Townships. (The average number of deaths for the preceding ten years was 1,934). The death-rate was 3·2 per 1,000 of the estimated population; their percentage death-rate relatively to deaths from all causes was 13·5.

PHTHISIS.

The deaths from Phthisis amounted to 1,329, the average number for the preceding ten years being 1,375.

WARDS.		Quarters. March. M.	March. F.	June. M.	June. F.	Sept. M.	Sept. F.	Dec. M.	Dec. F.	Year. M.	Year. F.	Year. Total.
Scotland	Below 5 years	1	3	2	..	..	2	..	2	3	7	10
	Above 5 years	11	13	8	11	8	12	11	12	38	48	86
Vauxhall	Below 5 years	..	..	..	..	..	1	..	..	..	1	1
	Above 5 years	5	3	4	2	4	2	3	..	16	7	23
St. Paul's	Below 5 years	1	..	..	..	..	..	1	..	2	..	2
	Above 5 years	1	3	..	..	2	1	1	..	4	4	8
Exchange	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	2	2	..	2	4	1	1	3	7	8	15
St. Anne's	Below 5 years	..	..	..	..	1	..	..	..	1	..	1
	Above 5 years	8	6	6	7	2	..	4	4	20	17	37
Lime Street	Below 5 years	..	1	..	..	..	1	..	..	..	2	2
	Above 5 years	2	2	4	..	2	4	1	1	9	7	16
Castle Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	2	1	1	2	4	..	2	1	9	4	13
Pitt Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	1	2	1	..	..	..	..	2	2	4	6
Great George	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	5	1	1	4	5	2	1	1	12	8	20
Rodney Street	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	5	4	4	4	2	4	1	3	12	15	27
Abercromby	Below 5 years	..	..	..	1	..	1	..	..	..	2	2
	Above 5 years	5	6	1	6	3	4	8	3	17	19	36
Parish Workhouse and Hospitals	Below 5 years	..	..	..	..	..	..	2	..	2	..	2
	Above 5 years	62	20	47	28	35	26	46	21	190	95	285
Out-Township Hospitals	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	17	8	17	11	8	11	9	8	51	38	89
Everton	Below 5 years	1	..	2	1	..	2	2	..	5	3	8
	Above 5 years	22	33	31	25	24	25	24	25	101	108	209
Kirkdale	Below 5 years	1	..	1	..	2	..	..	1	4	1	5
	Above 5 years	14	19	12	15	20	9	13	14	59	57	116
West Derby	Below 5 years	..	..	..	1	1	..	..	..	1	1	2
	Above 5 years	19	11	14	17	13	13	12	11	58	52	110
North Toxteth	Below 5 years	..	..	..	..	..	1	1	..	1	1	2
	Above 5 years	16	25	19	16	10	14	3	12	48	67	115
South Toxteth	Below 5 years	..	..	..	..	..	..	..	..	..	..	..
	Above 5 years	10	15	5	14	5	13	8	11	28	53	81
Parish	Below 5 years	2	4	2	1	1	5	3	2	8	12	20
	Above 5 years	109	63	77	66	71	56	79	51	336	236	572
Out-Townships	Below 5 years	2	..	3	2	3	3	3	1	11	6	17
	Above 5 years	98	111	98	98	80	85	69	81	345	375	720
City	Below 5 years	4	4	5	3	4	8	6	3	19	18	37
	Above 5 years	207	174	175	164	151	141	148	132	681	611	1292

DEATHS FROM THE OTHER TUBERCULAR DISEASES.

WARDS.		Quarters. March. M.	March. F.	June. M.	June. F.	Sept. M.	Sept. F.	Dec. M.	Dec. F.	Year. M.	Year. F.	Year. Total.
Scotland	Below 5 years ..	13	4	8	8	3	8	4	11	28	31	59
	Above 5 years ..	..	1	1	2	3	1	2	3	6	7	13
Vauxhall	Below 5 years ..	1	2	3	..	2	..	1	..	7	2	9
	Above 5 years ..	..	..	..	..	..	1	1	..	1	1	2
St. Paul's	Below 5 years ..	..	1	..	..	..	1	..	..	..	2	2
	Above 5 years ..	..	..	..	1	..	..	..	..	..	1	1
Exchange . ..	Below 5 years ..	..	1	3	..	2	..	..	..	5	1	6
	Above 5 years ..	..	1	..	..	1	1	..	..	1	2	3
St. Anne's	Below 5 years ..	1	..	..	1	3	1	2	3	6	5	11
	Above 5 years ..	..	..	..	..	1	..	..	..	1	..	1
Lime Street	Below 5 years ..	..	2	..	1	..	..	..	1	..	4	4
	Above 5 years ..	..	1	..	..	..	..	..	..	..	1	1
Castle Street	Below 5 years ..	1	..	..	..	..	..	..	..	1	..	1
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
St. Peter's	Below 5 years ..	..	..	..	1	..	..	..	..	..	1	1
	Above 5 years ..	..	..	..	..	..	..	..	..	..	..	..
Pitt Street	Below 5 years ..	..	..	..	2	..	1	..	1	..	4	4
	Above 5 years ..	..	..	..	1	..	..	..	..	..	1	1
Great George	Below 5 years ..	..	..	1	2	1	3	4	2	6	7	13
	Above 5 years ..	..	1	..	..	1	..	..	..	1	1	2
Rodney Street.. ..	Below 5 years ..	1	1	..	3	2	..	4	1	7	5	12
	Above 5 years ..	..	..	1	..	..	1	..	..	1	1	2
Abercromby	Below 5 years ..	2	1	2	..	1	3	..	1	5	5	10
	Above 5 years ..	..	..	..	..	1	..	..	1	1	1	2
Parish Workhouse and Hospitals	Below 5 years ..	1	3	2	3	3	1	..	..	6	7	13
	Above 5 years ..	4	2	4	1	1	2	5	1	14	6	20
Out-Township Hospitals	Below 5 years ..	1	..	2	..	..	..	..	1	3	1	4
	Above 5 years ..	4	1	1	1	..	1	.	3	5	6	11
Everton..	Below 5 years ..	8	14	11	5	20	11	14	7	53	37	90
	Above 5 years ..	1	3	3	4	3	2	3	2	10	11	21
Kirkdale	Below 5 years ..	3	3	9	3	13	10	9	8	34	24	58
	Above 5 years ..	1	..	6	1	2	1	..	1	9	3	12
West Derby	Below 5 years ..	5	6	7	6	4	5	11	4	27	21	48
	Above 5 years ..	3	..	2	2	..	1	..	1	5	4	9
North Toxteth.. ..	Below 5 years ..	5	6	11	6	8	7	8	5	32	24	56
	Above 5 years ..	1	1	2	2	..	..	..	..	3	3	6
South Toxteth.. ..	Below 5 years ..	6	5	10	6	3	1	7	3	26	15	41
	Above 5 years ..	2	3	1	1	..	1	..	..	3	5	8
Parish	Below 5 years ..	20	15	19	21	17	18	15	20	71	74	145
	Above 5 years ..	4	6	6	5	8	6	8	5	26	22	48
Out-Townships ..	Below 5 years ..	28	34	50	26	48	34	49	28	175	122	297
	Above 5 years ..	12	8	15	11	5	6	3	7	35	32	67
City	Below 5 years ..	48	49	69	47	65	52	64	48	246	196	442
	Above 5 years ..	16	14	21	16	13	12	11	12	61	54	115

Mr. Hartnup has kindly supplied the following Meteorological Table :—

LIVERPOOL OBSERVATORY.

DATE—1886.	Mean Barometer.	Mean Temperature.	Rainfall on Ground.
	Inches.	o	Inches.
January	29·617	36·9	3·615
February	30·108	36·1	1·084
March	29·909	39·4	2·111
April	29·893	46·6	1·392
May	29·897	50·9	4·722
June	29·980	56·1	0·954
July	29·872	60·1	3·724
August	29·954	60·8	1·700
September	29·991	56·7	3·407
October	29·761	52·4	4·940
November	29·858	45·5	3·166
December..	29·625	37·7	3·805

Mr. Hagger, the Vestry Clerk, has kindly supplied the following Tables :—

PARISH OF LIVERPOOL.

Return of Infectious Diseases, &c., in Workhouse Hospital.

Date, 1886. — Week Ending	MEASLES.					SCARLATINA.					TYPHOID.				
	No. at commencement of Week.	Admitted.	Discharged.	Died.	Remaining at end of Week.	No. at commencement of Week.	Admitted.	Discharged.	Died.	Remaining at end of Week.	No. at commencement of Week.	Admitted.	Discharged.	Died.	Remaining at end of Week.
Jan. 2	22	8	5	3	22	29	8	7	..	30	4	1	1	..	4
,, 9	22	6	6	3	19	30	3	3	..	30	4	2	1	1	4
,, 16	19	..	3	1	15	30	8	1	..	37	4	..	1	..	3
,, 23	15	6	10	1	10	37	8	7	2	36	3	2	1	..	4
,, 30	10	2	6	1	5	36	3	9	..	30	4	1	..	..	5
Feb. 6	5	3	..	1	7	30	2	1	..	31	5	4	..	1	8
,, 13	7	..	1	.	6	31	4	7	..	28	8	2	2	..	8
,, 20	6	2	1	1	6	28	2	2	..	28	8	3	2	1	8
,, 27	6	1	2	..	5	28	2	1	..	29	8	2	2	..	8
March 6	5	3	1	..	7	29	2	1	1	29	8	1	2	..	7
,, 13	7	..	2	..	5	29	1	9	..	21	7	9	1	..	15
,, 20 . ..	5	..	1	..	4	21	2	3	..	20	15	8	1	..	22
,, 27	4	1	2	..	3	20	1	7	..	14	22	3	1	..	24
April 3	3	1	2	..	2	14	4	4	..	14	24	4	..	..	28
,, 10	2	..	..	..	2	14	..	..	..	14	28	2	1	..	29
,, 17	2	2	1	..	3	14	4	1	.	17	29	2	8	..	23
,, 24	3	..	..	..	3	17	..	4	..	13	23	1	1	..	23
May 1	3	..	1	..	2	13	2	..	..	15	23	7	5	..	25
,, 8	2	..	2	..	..	15	6	4	..	17	25	2	1	1	25
,, 15	..	..	..	..	..	17	..	..	..	17	25	1	13	..	13
,, 22	..	1	..	..	1	17	..	5	..	12	13	1	2	..	12
,, 29	1	..	..	..	1	12	4	5	..	11	12	..	1	..	11
June 5	1	1	..	..	2	11	5	..	1	15	11	3	1	..	13
,, 12	2	2	1	1	2	15	3	1	..	17	13	..	..	1	12
,, 19	2	1	..	..	3	17	3	8	..	12	12	1	..	1	12
,, 26	3	1	1	..	3	12	4	..	..	16	12	1	3	..	10
July 3	3	1	..	..	4	16	4	..	..	20	10	..	1	..	9
,, 10	4	..	2	..	2	20	5	2	1	22	9	5	2	1	11
,, 17	2	2	3	..	1	22	3	..	1	24	11	3	1	1	12
,, 24	1	1	..	..	2	24	4	5	1	22	12	2	..	1	13
,, 31	2	1	1	.	2	22	4	8	..	18	13	..	1	..	12
Aug. 7	2	..	1	..	1	18	3	3	.	18	12	1	..	..	13
,, 14	1	..	1	..	..	18	9	4	..	23	13	..	..	..	13
,, 21	..	4	..	..	4	23	17	4	1	35	13	4	4	..	13
,, 28	4	..	..	..	4	35	10	3	2	40	13	4	2	..	15
Sept. 4	4	3	..	.	7	40	15	2	2	51	15	6	..	..	21
,, 11	7	..	4	..	3	51	16	2	..	65	21	4	7	2	16
,, 18	3	11	..	..	14	65	13	1	..	77	16	7	6	1	16
,, 25	14	3	1	1	15	77	5	1	..	81	16	4	1	..	19
Oct. 2	15	11	1	2	23	81	1	21	1	60	19	9	5	1	22
,, 9	23	3	8	..	18	60	4	15	..	49	22	3	..	1	24
,, 16	18	5	4	1	18	49	2	5	..	46	24	5	3	..	26
,, 23	18	1	9	1	9	46	3	6	..	43	26	1	5	1	21
,, 30	9	2	4	2	5	43	1	10	1	33	21	4	4	1	20
Nov. 6	5	4	5	2	2	33	14	8	..	39	20	3	4	1	18
,, 13	2	1	..	..	3	39	9	5	2	41	18	6	5	..	19
,, 20	3	3	..	..	6	41	20	8	1	52	19	5	5	..	19
,, 27	6	2	2	..	6	52	3	7	1	47	19	1	3	1	16
Dec. 4	6	2	1	..	7	47	6	7	..	46	16	4	5	..	15
,, 11	7	4	3	..	8	46	12	6	1	51	15	8	4	2	17
,, 18	8	6	1	1	12	51	1	6	1	45	17	3	6	1	13
,, 25	12	1	1	..	12	45	1	1	..	45	13	..	6	..	7

PARISH OF LIVERPOOL.

Return of Infectious Diseases, &c., in Workhouse Hospital

Date, 1886. — Week Ending	TYPHUS.					SIMPLE.				
	No. at commencement of Week.	Admitted.	Discharged.	Died.	Remaining at end of Week.	No. at commencement of Week.	Admitted.	Discharged.	Died.	Remaining at end of Week.
Jan. 2 ..	14	7	..	3	18	24	4	1	..	27
,, 9 ..	18	1	5	..	14	27	12	9	1	29
,, 16 ..	14	1	..	2	13	29	9	7	1	30
,, 23 ..	13	7	3	..	17	30	8	11	..	27
,, 30 ..	17	5	7	2	13	27	1	6	1	21
Feb. 6 ..	13	8	2	1	18	21	8	2	1	26
,, 13 ..	18	1	3	..	16	26	1	5	2	20
,, 20 ..	16	3	2	..	17	20	2	1	..	21
,, 27 ..	17	5	2	1	19	21	8	9	1	19
March 6 ..	19	..	4	1	14	19	2	5	1	15
,, 13 ..	14	2	7	..	9	15	7	8	..	14
,, 20 ..	9	2	6	..	5	14	2	8	..	8
,, 27 ..	5	3	1	..	7	8	3	4	..	7
April 3 ..	7	4	1	4	6	7	2	1	..	8
,, 10 ..	6	..	1	..	5	8	1	6	..	3
,, 17 ..	5	3	..	..	8	3	7	1	1	8
,, 24 ..	8	..	1	..	7	8	2	1	1	8
May 1 ..	7	1	3	..	5	8	4	5	..	7
,, 8 ..	5	..	..	..	5	7	3	4	..	6
,, 15 ..	5	.	..	..	5	6	1	4	..	3
,, 22 ..	5	2	..	..	7	3	5	..	1	7
,, 29 ..	7	1	1	..	7	7	2	4	..	5
June 5 ..	7	1	1	..	7	5	2	1	2	4
,, 12 ..	7	2	1	..	8	4	5	3	1	5
,, 19 ..	8	..	2	..	6	5	5	1	1	8
,, 26 ..	6	..	..	..	6	8	4	2	..	10
July 3 ..	6	5	2	..	9	10	3	3	1	9
,, 10 ..	9	1	1	1	8	9	3	5	..	7
,, 17 ..	8	5	1	1	11	7	3	2	..	8
,, 24 .	11	4	..	..	15	8	2	3	1	6
,, 31 ..	15	..	4	..	11	6	1	3	..	4
Aug. 7 ..	11	5	..	..	16	4	3	1	1	5
,, 14 ..	16	9	2	2	21	5	1	3	..	3
,, 21 ..	21	5	6	1	19	3	3	2	..	4
,, 28 ..	19	2	1	..	20	4	4	4	1	3
Sept. 4 ..	20	3	1	..	22	3	5	2	..	6
,, 11 ..	22	4	5	..	21	6	3	6	..	3
,, 18 ..	21	3	7	1	16	3	14	..	..	17
,, 25 ..	16	2	..	..	18	17	5	3	..	19
Oct. 2 ..	18	10	5	1	22	19	14	7	..	26
,, 9 .	22	4	5	1	20	26	12	13	..	25
,, 16 ..	20	2	5	1	16	25	11	10	..	26
,, 23 ..	16	3	4	..	15	26	4	13	..	17
,, 30 ..	15	4	7	..	12	17	..	7	..	10
Nov. 6 ..	12	1	3	..	10	10	2	4	..	8
,, 13 ..	10	4	3	..	11	8	9	3	..	14
,, 20 ..	11	3	1	3	10	14	2	..	1	15
,, 27 ..	10	2	..	1	11	15	3	5	..	13
Dec. 4 ..	11	11	3	..	19	13	2	2	1	12
,, 11 ..	19	6	3	1	21	12	3	1	1	13
,, 18 ..	21	3	2	..	22	13	5	4	..	14
,, 25 ..	22	2	..	..	24	14	1	8	..	7

These show that the average number of persons suffering from Continued Fever (including therein Typhus, Typhoid, and simple Continued Fever) at one time in Hospital during the year 1886 was 40, and their percentage Death-rate was 13·0. The average number of cases of Scarlatina at one time in Hospital during the year was 32, and the percentage Death-rate was 7·5. The average number of cases of Measles at one time in Hospital during the year was 6, and the percentage Death-rate was 19·6. All Small Pox cases belonging to the Parish were treated in the City Hospital, Park Hill.

PARISH OF LIVERPOOL.

Return of Persons in Receipt of Relief in the Year 1886.

Week ending.	Work-house.	Industrial Schools.	Out-Relief.	Week ending.	Work-house.	Industrial Schools.	Out-Relief.
1886.				1886.			
January 2..	3230	855	2754	July 3..	2826	861	2755
,, 9..	3359	837	2764	,, 10..	2840	840	2781
,, 16..	3384	889	2796	,, 17..	2810	865	2790
,, 23..	3443	862	2874	,, 24..	2819	852	2785
,, 30..	3432	884	2884	,, 31..	2852	878	2817
February 6..	3456	862	2921	August 7..	2867	862	2775
,, 13..	3402	883	2918	,, 14..	2890	884	2837
,, 20..	3449	859	2961	,, 21..	2937	819	2835
,, 27..	3445	886	2939	,, 28..	2939	850	2851
March 6..	3495	873	2998	September 4..	2998	816	2835
,, 13..	3551	901	3081	,, 11..	3044	835	2875
,, 20..	3559	878	3236	,, 18..	3108	813	2898
,, 27..	3400	881	3174	,, 25..	3095	840	2908
April 3..	3298	856	3051	October 2..	3099	814	2794
,, 10..	3231	880	3008	,, 9..	3139	848	2839
,, 17..	3197	856	2903	,, 16..	3199	828	2814
,, 24..	3131	861	2885	,, 23..	3143	888	2804
May 1..	3117	829	2855	,, 30..	3199	869	2831
,, 8..	2993	846	2928	November 6..	3214	894	2792
,, 15..	3026	819	2818	,, 13..	3226	877	2805
,, 22..	3026	847	2794	,, 20..	3284	1022	2800
,, 29..	2984	822	2833	,, 27..	3328	1004	2818
June 5..	2911	834	2799	December 4..	3357	1067	2867
,, 12..	2923	811	2755	,, 11..	3417	1031	2867
,, 19..	2922	856	2780	,, 18..	3400	1076	2881
,, 26..	2940	837	2778	,, 25..	3368	1042	2970

The number of persons in receipt of Parochial Relief on Saturday, 26th of June, 1886, was 6,555, or 193 more than at the corresponding period of 1885; and the number on Saturday, the 25th December, 1886, was 7,380, or 497 more than at the same period of 1885.

SANITARY WORK.

Privies Certified for Conversion into Water Closets during the year 1886.

WARDS.	No. of Privies Certified.
Scotland	13
Vauxhall	2
St. Paul's	1
Exchange	4
St. Anne's	16
Lime Street	9
Castle Street	1
St. Peter's	13
Pitt Street	2
Great George	28
Rodney Street	68
Abercromby	35
Everton	103
Kirkdale	18
West Derby	41
North Toxteth	45
South Toxteth	10
TOTAL	409

OFFENSIVE TRADES.

The following applications were made during the year, and a report by the Medical Officer of Health submitted to the Health Committee on each case.

Premises.	Business.	Granted.	Refused.	Date.
Wapping Dock	Oil Works	—	1	21st January
21, Queen Street	Storing and Blending Lubricating Oils	—	1	18th March
15, Trowbridge Street	Slaughterhouse	—	1	17th June
108, Park Road	Tripe Dressing	—	1	1st July
St. Andrew Street	Slaughterhouse	1	—	29th July
Cotton Street	Fat Melting	—	1	9th December
Great Howard Street	Fat Melting	—	1	9th December

SLAUGHTERHOUSE TRANSFERS.

Premises.	Granted.	Date.
64, St. James Street	1	4th February
64, St. James Street	1	23rd December

LIVERPOOL SANITARY AMENDMENT ACT, 1864.

The following premises were reported by the Medical Officer to be insanitary and ought to be demolished. The City Council, on the report being laid before them by the Town Clerk in compliance with the Act, referred them to the Insanitary Property Committee to be dealt with.

Lower Thurlow Street.—The houses Nos. 2, 4, 6, 8, and 10, in the said street ought to be demolished.

Lower Myrtle Street.—The house No. 10 in the said street ought to be demolished.

Lower Thurlow Street.—The houses Nos. 13 and 15 in the said street ought to be demolished.

The City Engineer has kindly supplied the following returns :—

NUMBER OF HOUSES ERECTED AND THE NUMBER OF HOUSESTAKEN DOWN IN THE 16 WARDS DURING THE YEAR 1886.

No.	WARDS.	Houses Erected.	Total Houses taken down
1	Everton and Kirkdale..	430	35
2	Scotland	....	75
3	Vauxhall	....	186
4	St. Paul's	1	....
5	Exchange	1	....
6	Castle Street	3	....
7	St. Peter's	....	6
8	Pitt Street	....	....
9	Great George	2	8
10	Rodney	....	1
11	Abercromby	....	....
12	Lime Street	1	7
13	St. Anne's	....	40
14	West Derby	128	4
15	South Toxteth	14	14
16	North Toxteth	....	91
	TOTALS	580	467

Insanitary Property.

Insanitary Property purchased 1886.				Insanitary Property demolished 1886.			
No. of houses included in seventh presentment.	No. of houses included in eighth presentment.	No. of houses purchased by Insanitary Property Committee included in presentments referred by Council to Committee.	Total.	No. of houses included in seventh presentment.	No. of houses included in eighth presentment.	No. of houses demolished by Insanitary Property Committee included in presentments referred by Council to Committee.	Total.
—	262	8	270	104	220	13	337

Sewer Ventilation to end of 1886.

No. of 6-inch Iron Pipe Ventilating Shafts	930
No. of Street Ventilating Gratings	4,338
The length of Old Sewers Ventilated	180 miles

Note.—All New Sewers are ventilated as constructed.

LODGING-HOUSES.

The Health Committee have, since the passing of the Sanitary Act, 1866, ruled that, as far as possible, all registered lodging-houses should have a day apartment for the accommodation of their lodgers, and that all houses where single rooms were occupied by day and night should be registered as sub-let. The space required for a night lodger in a registered lodging-house is 300 cubical feet, while the space in a sub-let house for each adult is 350 feet.

There were on the register 949 lodging-houses at the end of 1885, and 902 at the end of 1886. This difference was occasioned by the removal of 339 old licences, and the addition of 292 new ones. The visits to lodging-houses are both by day and night. The lodging-houses of the better class, and especially those provided with only single beds for each person, and only with the number of beds equivalent to the number of lodgers allowed, are not visited at night except on grave suspicion or on complaint, or in the case of foreign emigrant lodging-houses. The night visits are pretty nearly restricted to the low districts and tramp houses. The number of day visits paid durin

the year was 41,946, and the night visits 5,736. The number of lodging-houses found overcrowded on the night visits was 26, the number of informations laid for breaches of the bye-laws was 93, with the results of fines in 88 cases to the extent of £19 8s. 6d., in sums varying from 1s. to 20s. and costs. The number of lodging-houses found dirty was 203; notices were served to lime-wash and cleanse.

It is necessary frequently to visit houses which are not licensed either as lodging or sub-let houses, especially when emigration is brisk or at race times. There were 2,668 such visits paid during the day, and in 34 of the cases where suspicion was confirmed they were followed up by night visits. A tenant harbouring lodgers is not taken before the Justices for the first offence, but is noticed to apply to have his rooms measured and licensed. There were 234 such notices issued during the year, but in only 8 cases did the tenants refuse to comply; they were brought before the Justices and fined. A bye-law requires that every case of infectious sickness in a lodging-house should be at once reported to the Medical Officer of Health. 13 cases of fever and 6 cases of small-pox occurred in lodging houses; in 15 of the cases the patients were at once sent to hospital, the remaining 4, being members of the keepers' families, were not removed; all of these latter died. In all cases of fever or infectious disease the bedding was at once removed to the disinfecting apparatus, and the rooms purified and cleansed; in the cases where the patients remained, the licenses to receive lodgers were suspended by the Medical Officer. No lodger died from fever or small-pox in a registered lodging-house; but, not including the cases of fever and small-pox, there were 92 deaths from non-contagious diseases in lodging-houses, of which 66 belonged to the keepers' families and 26 were lodgers.

SUB-LET HOUSES.

The number of sub-let Houses on the Register at the termination of 1885 was 19,467; the number registered during 1886 was 1,289, making the total on the Register on the 31st December, 20,756. The number of visits paid during the night was 17,593, and during the day 114,716, with the result of finding 2,202 rooms overcrowded. In addition to overcrowding, the offence (though not punishable in sub-let houses) of permitting males and females not married to occupy the same room comes under the notice and is entered in the books of the Inspectors. There were 777 rooms thus indecently occupied by 1,173 males and 1,337 females, besides having also in these rooms 461 children between the ages of 5 and 13 years. The character of the indecent occupation

may be judged of from the following facts:—In 406 instances one man and two women were found in the same bedroom; in 216 instances two men and one woman; in fifty-two instances three men and one woman; in forty-eight instances two men and two women; in thirty-eight instances one man and three women; in twelve instances two men and three women; in one instance one man and four women; in one instance four men and one woman; in one instance three men and two women; in one instance nine men and one woman; and in one instance four men and three women.

Informations were laid against 1,684 chief tenants for permitting overcrowding in rooms, with the following results:—1,574 fined 1s. and 1s. costs; 6 fined 2s. and 1s. costs; 6 fined 2s. and 2s. costs; 73 fined 2s. 6d. and 2s. 6d. costs; 7 fined 5s. and 4s. 6d. costs; 1 fined 10s. and 4s. 6d. costs; making a total of fines levied during the year of £181 16s. 0d. Of the remaining 17 cases, 12 informations were withdrawn and 5 acquitted, the tenants having abated the overcrowding.

BAKEHOUSES.

7,063 visits have been made to Bakehouses during the year. 628 Bakehouses were found dirty, and notices were served to limewash and cleanse them.

LICENSES FOR CATTLE.

During the year 1886, 10 applications were made to the Health Committee for licenses to keep cows; 7 of the applications for keeping 56 cows were granted. There are at present 423 shippons licensed to keep 5,737 cows. 65 of the shippons previously licensed have been transferred to fresh tenants.

8 applications were made during the year to keep pigs in styes separate from and unconnected with shippons, none of which were granted. The total number of premises or styes now licensed in the City is 57, for keeping 167 pigs.

CONTAGIOUS DISEASES (ANIMALS) ACT, 1878.

This Act and the Orders issued under it by the Privy Council were referred to the Medical Officer to carry out, in conjunction with the Veterinary Inspector, the Inspector of Nuisances, and the Meat Inspectors.

On the 1st October the Meat and Cattle Inspectors were transferred from the Nuisance to the Medical Officer's Department, to carry on their work under the supervision of Dr. Hope, the Assistant Medical Officer.

During the year pleuro pneumonia was found in 6 cowsheds, affecting 47 cows, 46 of which were slaughtered by order of the owners or of the Corporation, and 1 died ; 40 cows, which were not diseased, but had been either in contact with the affected ones or in the same cowsheds, were slaughtered by order of the owners.

The Meat Inspectors found in the slaughter-houses the carcases of 3 cows, which the Veterinary Inspector certified, on examination of the lungs, to have suffered from pleuro pneumonia. These cows were brought to the slaughter-houses from different places outside the city. The local authorities of the districts from which the animals came were immediately informed of the circumstances.

Pig typhoid was found on one premises, affecting twelve pigs, all of which were slaughtered by order of the owner.

Pig typhoid was detected in 21 pigs, 17 in the slaughter-houses and 4 in Gill Street Market, the diseased animals having been imported from Ireland.

DAIRIES, COWSHEDS, AND MILKSHOPS ORDER.

Number of applications for registration during the year	412	
Of which transfers were	227	
Number of applications granted	338	
„ „ refused	74	
Number on the register at the end of 1885		1773
, „ „ 1886		1954
An increase of		181

SUMMARY of Veterinary Inspections, under the Contagious Diseases (Animals) Act, for year 1886, by Richard S. Reynolds, M.R.C.V.S., Veterinary Inspector for the Corporation of Liverpool.

TABLE No. 1.

PLEURO-PNEUMONIA.

Post-Mortem Examinations of Lungs or Carcases.	Number of Infected Places.	Primary Inspections.		Subsequent Examinations of Animals in infected places for Slaughter.		Animals examined for re-entry into infected places after disinfection.	Inspection of infected places cleansed and disinfected.
		No. of Animals Examined.	No. found Affected.	Healthy.	Diseased.		
21	6	81	9	40	35	..	5

N.B.—6 Cows not accounted for in this return, will be found in Table for 1887.

TABLE No. 2.

SWINE TYPHOID.

No. of Pigs examined.	No. of Carcases examined.	Examination of Animals for removal for Slaughter.	Inspection of infected places cleansed and disinfected.
1	11	..	2

SUMMARY of Veterinary Inspections under the Contagious Diseases (Animals) Act—*Continued.*

TABLE No. 3.

FOOT AND MOUTH DISEASE.

	Post-Mortem Examinations.	Number of Infected Places.	Number of Animals n infected places on Outbreak.		Inspection of Animals in infected places for Slaughter.		Inspection of Animals after convalescence.	Inspection of infected places cleansed and disinfected.
			Healthy.	Diseased.	Healthy Animals removed for Slaughter.	Diseased Animals Killed on Premises.		
Cattle	—	—	—	—	—	—	—	—
Swine	—	—	—	—	—	—	—	—
Other Animals....	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—

TABLE No. 4.

GENERAL.

	EXAMINATION OF ANIMALS N TRANSIT.			
	FOR EXPORT.		LANDED COASTWISE.	
	Healthy.	Diseased.	Healthy.	Diseased.
Cattle	60	—	—	—
Sheep	—	—	—	—
Swine	2	—	—	—

TABLE No. 5.

GLANDERS AND FARCY.

Post-Mortem Examinations.	Animals Examined.	Affected.	Not Affected.
0	1	0	1

TABLE No. 6.

RABIES.

Animals Examined.	Affected.	Not Affected.	Post-Mortem Examinations.	Healthy.	Affected.
0	0	0	4	4	0

PROCEEDINGS UNDER THE CONTAGIOUS DISEASES (ANIMALS) ACT, 1878.

Number of Visits to Railway Stations	2,052
,, Inspections of pens	110,991
,, found clean	89,727
,, ,, dirty and cleansed before being used	21,262
,, Informations for dirty pens used before being cleansed	2
,, Inspections of Trucks	33,453
,, found clean	30,250
,, ,, dirty and cleansed before being used	3,203
,, Inspections of Horse Boxes	403
,, found clean	295
,, ,, dirty and cleansed before being used	108
Number of Inspections of Vessels	7,884
,, found clean	4,766
,, ,, dirty and cleansed before being used or going to Sea without cattle or cargo	3,115
,, Informations for dirty vessels used before being cleansed	3
,, Inspections of Gangways	6,307
,, found clean	5,282
,, ,, dirty and cleansed before being used	1,023
,, Informations for dirty gangways used before being cleansed	2
,, Informations for not disinfecting scrapings and sweepings	3
Number of Inspections of Lairage and Sale Yards	2,560
,, found clean	2,118
,, ,, dirty and cleansed before being used	442
Total Number of Informations	10
,, ,, Fined	10
Amount of Fines and Costs	£9 15 0

SLAUGHTER-HOUSE RETURNS OF CATTLE KILLED IN THE CITY, 1886.

	STREET.	Beasts.	Sheep.	Lambs.	Calves.	Pigs.	Dead Meat imported for Sale at the Abattoir.			
							Beasts.	Sheep.	Pigs.	Calves.
	Abattoir	34586	207163	..	16098	16320	7982	93106	..	39
	Foreign Animals' Wharf— Huskisson Dock .. / Canada Dock.. ..	69	14	..	..	..	..	..	..	..
New Parts.	Byles Street	40	1225	330	12	..	..	..	..	..
	Back Butler Street ..	378	856	197	..	2	..	..	..	..
	Back Castle Street ..	818	349	38	5	..	..	..	..	..
	Back Mount Vernon Green	506	4376	1188	89	..	..	..	..	..
	Cotter Street	191	308	135	89	1985	..	..	..	..
	Corlett Street	535	2431	639	10	6	..	..	..	..
	Crown Street	128	72	..	..	13	..	..	..	..
	Darnley Street	..	..	..	..	1909	..	..	..	..
	Edgeware Street	82	288	91	..	..	..	..	..	..
	Embledon Street	633	2697	1026	32	11	..	..	..	..
	Foley Street	..	3	..	28	7790	..	..	..	..
	Gelling Street	479	298	387	85	..	..	..	..	..
	Parliament Street.. ..	162	532	..	..	..	..	..	..	..
	Peel Street..	213	1250	415	15	19	..	..	..	..
Old Parts.	Bevington Hill	2183	290	..	210	53	..	..	..	..
	Benledi Street	1	..	..	1	1149	..	..	..	..
	Byrom Street	..	..	..	..	1741	..	..	..	..
	Bolton Street	708	3499	2339	39	..	..	..	..	..
	Back Commutation Row (1)	312	1915	181	31	111	..	..	..	..
	,, ,, (2)	735	2632	277	..	..	..	..	..	..
	Copperas Hill	..	..	..	..	10319	..	..	..	..
	Finch Place	851	2182	737	41	..	..	..	..	..
	Frederick Street	9	2073	301	1	6	..	..	..	..
	Hodson Street	42	499	11	4	..	..	..	..	..
	Leeds Street	..	..	..	..	..	..	..	..	..
	Lydia Ann Street.. ..	224	3159	696	..	..	..	..	..	..
	Norman Street	..	..	..	..	3123	..	..	..	..
	Norfolk Street	62	1149	536	..	..	..	..	..	..
	Scotland Road	682	144	..	953	5	..	..	..	.
	Soho Street	..	..	..	..	1976	..	..	..	..
	Upper Milk Street ..	544	580	..	..	15822	..	..	..	..
	Total in Private Slaughter-houses	10518	32807	9524	1645	46040	..	..	..	..
	Total in the City	45173	239984	9524	17743	62360	7982	93106	..	39

UNWHOLESOME MEAT, FISH, &c., SEIZED AND DESTROYED.

	DATE.—1886.	Beef.	Veal.	Mutton.	Lamb.	Pork.	Poultry	Rabbits	Fish.	Shell-fish	Oysters.
		Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Head		Lbs.	Bags.	
Slaughter Houses.	Abattoir	70208	7822	13407	.	4047	..	..	..	..	..
	Back Castle Street ..	480	..	..	..	..	..	..	..	..	..
	Bevington Hill ..	16893	2107	281	..	260	..	..	..	..	..
	Bolton Street.. ..	..	..	..	..	..	..	..	..	..	..
	Copperas Hill ..	..	..	..	..	2920	..	..	..	..	..
	Cotter Street	496	127	..	..	140	..	..	..	..	..
	Darnley Street ..	..	..	..	..	550	..	..	..	..	.
	Foley Street . ..	..	58	..	..	160	..	..	..	..	..
	Gelling Street ..	480	376	..	..	..	..	..	..	..	..
	Norman Street ..	..	..	..	..	215	..	..	..	..	..
	St. James Street ..	..	..	..	..	..	..	..	..	..	..
	Scotland Road ..	3114	1172	164	..	..	..	..	..	..	..
	Soho Street	..	..	..	..	..	..	..	..	..	..
	Upper Milk Street ..	..	..	..	..	255	..	..	..	..	..
	Corlett Street ..	844	..	..	..	..	..	..	..	..	..
	Norfolk Street ..	..	..	57	..	..	..	..	..	..	..
	Finch Place	..	84	..	..	..	..	..	..	..	..
	Back Mount Vernon Green	..	..	76	..	..	..	..	..	..	..
	Hodson Street ..	600	..	..	..	..	..	..	..	..	..
	Upper Frederick St...	..	74	..	..	..	..	..	..	..	..
Markets.	St. John's	..	..	75	..	25	1553	543	94915	198	50000
	St. James'	..	..	65	..	..	..	..	..	..	..
	St. Martin's	..	..	..	..	..	..	..	..	..	..
	Shell Fish Market ..	..	..	..	..	..	..	..	..	..	14000
Other Parts.	Breck Road	280	..	..	..	..	..	..	..	..	..
	West Derby Road ..	5	..	..	..	34	..	..	29	..	..
	Canada Dock.. ..	360	..	80	..	..	..	..	..	..	..
	Park Road	..	..	..	..	10	..	..	..	..	..
	Great Charlotte Street	..	..	..	..	..	..	161	8179	3	..
	Rose Street	..	..	..	..	..	..	84	4181	..	..
	Great Homer Street ..	..	..	48	..	..	..	..	18	..	..
	Pitt Street	35	..	50	..	90	..	..	..	..	..
	Islington	..	..	..	..	..	..	42	..	..	..
	Sawney Pope Street..	..	..	..	..	..	..	..	45	..	..
	Eastbourne Street ..	..	..	..	..	..	..	..	40	..	..
	Kirkdale Road ..	..	..	..	..	..	..	..	150	1	..
	Albert Street.. ..	..	..	..	..	..	..	..	50	..	..
	Mill Street	307	..	7	..	..	..	..	16	1	..
	Stanley Road ..	30	..	..	..	..	..	..	40	..	..
	Richmond Row ..	..	..	..	..	33	..	..	1624	..	..
	Carried forward....	94132	11820	14310	..	8739	1553	830	109287	203	64000

UNWHOLESOME MEAT, FISH, &c., SEIZED AND DESTROYED,

Continued.

DATE—1886.	Beef.	Veal.	Mutton.	Lamb.	Pork.	Poultry.	Rabbits.	Fish.	Shell-fish.	Oysters.
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Head		Lbs.	Bags.	
Brought forward ..	94132	11820	14310	..	8739	1553	830	109827	203	64000
Other Parts.										
Old Haymarket ..	..	..	8	..	..	..	..	..	..	..
Limekiln Lane ..	58	..	..	..	..	..	..	..	..	..
Cross Street	..	..	..	..	132	..	..	..	..	..
Roe Street	..	..	..	..	..	..	..	3176	..	..
Titchfield Street ..	..	..	..	..	..	..	..	15	..	..
Myrtle Street ..	11	..	..	..	..	..	..	..	..	..
Granby Street ..	..	..	..	..	12	..	..	..	..	..
Gill Street	..	..	..	..	164	..	..	..	..	..
Paddington	..	..	..	..	12	..	..	..	..	..
Upper Hill Street ..	9	..	..	..	..	..	..	..	..	..
Alt Street	5	..	..	..	..	..	..	..	..	..
Renshaw Street ..	..	7	..	..	..	..	..	..	..	..
Heyworth Street ..	..	..	..	..	..	..	..	15	..	..
Windsor Street ..	..	..	..	..	5	..	..	..	..	..
Byrom Street.. ..	..	..	..	..	160	..	..	..	..	..
Hood Street	..	..	..	..	..	9	..	..	..	..
Scotland Road ..	..	..	..	..	..	..	..	25	..	..
Total	94215	11827	14318	..	9224	1562	830	112518	203	64000

	Tons.	cwts.	qrs.	lbs.
Meat—Equal to	57	17	0	1
Fish ,, ...	50	4	2	14

Number of Visits to Slaughterhouses made by Meat Inspectors	15,052
,, Informations for Exposing for Sale Diseased Meat and Fish	51
,, Fined	46
,, Sent to Gaol	1
Amount of Fines and Costs	£79

SMOTHERED CATTLE.

Beasts.	Sheep.	Pigs.	Number found good.	Number found bad.	Weight of Bad in pounds.
26	108	92	200	26	7,237

CANAL BOATS.

The following Report as to the execution of the Canal Boats Acts 1877 and 1884 was sent to the Local Government Board.

During the year 1886, ten new boats were registered, and twenty-one were re-registered on account of change of owner, or loss of certificate of registration.

The number of Boats on the register is 400, of which 86 have been re-registered, viz. :—5 in 1884, 60 in 1885, and 21 in 1886.

The number of visits paid during the year to the Canal Boats was 4,952. It was found necessary to lay informations in 15 cases; in six for using boats as dwellings without being registered, in six for carrying offensive cargoes in boats used as dwellings, and not having a second bulkhead; and in three for not producing certificate of registration when requested. Fines were imposed by the Magistrates in all the cases.

Besides the above, the cabins of six boats were found dirty, when notices were served on the owners, who had them at once cleaned and repainted.

The cabins of fourteen boats were found insufficiently ventilated, which the owners remedied on receiving notice.

There has been no case of infectious disease on any of the boats while in that part of the Canal under the supervision of the Liverpool Authority.

MORTUARIES.

During the year 51 bodies were, by order of the Justices on the certificate of the Medical Officer, removed to the Mortuaries provided by the Council under Section 142 of the Public Health Act, 1875.

CASES OF INFECTIOUS DISEASE COMING UNDER THE NOTICE OF THE MEDICAL OFFICER OF HEALTH DURING 1886.

Year—1886.	Small Pox.	Fever.	Scarlatina.	Measles.	Diphtheria	Total.
January	73	52	85	209	24	443
February	50	56	67	120	11	304
March	45	55	111	125	11	347
April	25	30	61	63	8	187
May	16	24	67	44	17	168
June	10	43	59	98	8	218
July	5	31	48	51	6	141
August	2	55	131	73	12	273
September	1	74	211	38	14	338
October	3	76	373	122	19	593
November	..	99	317	168	15	599
December	4	90	217	579	38	928
Total..... ..	234	685	1,747	1,690	183	4,539
Re moved to Hospital.....	215	456	367	81	28	1,147

Of the patients removed to Hospital the following were conveyed by the Sanitary Officers:—386 cases of Fever, 292 cases of Scarlatina, 192 cases of Small Pox, 30 cases of Measles, 11 cases of Diphtheria, and 6 cases of Chicken Pox, making a total of 917 persons. 194 were taken to Netherfield Road Hospital, 529 to the Parish Workhouse Hospital, and 194 to the City Hospital, Park Hill.

In accordance with the arrangements made with the School Board, 2,332 post cards were sent to the Head Masters of the various schools, informing them that children from infected houses attended their schools. Similar information was sent to the School Board.

DISINFECTION OF HOUSES.

In all cases of infectious disease the houses were disinfected, free of cost, with sulphurous gas, by Officers appointed by the Health Committee, but whenever there was sickness in any room of the house, so as to endanger health by the use of sulphurous gas, carbolic acid powder was freely sprinkled in the rooms and passages of the house until the sulphurous gas could be used safely. No house is considered properly disinfected until sulphurous gas has been used. The existence of sickness, and the consequent employment of carbolic acid powder, necessitate many visits by the persons in charge of disinfection. There were in all 5,710 visits paid during the year to houses for the purpose of disinfection, the number of houses properly disinfected being 2,062.

THE DISINFECTING APPARATUS.

The number of articles disinfected at the Apparatus during the year amounted to 28,270.

Date. 1886.	Number of Beds.	Number of Mattresses.	Number of Pieces of Bedding.	Number of Pieces of Wearing Apparel, &c.	Total Number of Articles.
Week ending—					
January 9 ..	56	79	356	193	684
,, 16 ..	31	57	207	119	414
,, 23 ..	47	62	265	200	574
,, 30 ..	38	55	251	175	519
February 6 ..	53	92	387	521	1,053
,, 13 ..	38	52	289	137	516
,, 20 ..	46	63	329	162	600
,, 27 ..	36	43	222	125	426
March 6 ..	38	58	299	117	512
,, 13 ..	44	62	357	96	559
,, 20 ..	37	47	277	163	524
,, 27 ..	40	56	278	190	564
April 3 ..	26	43	221	114	404
,, 10 ..	15	28	108	167	318
,, 17 ..	35	43	193	164	435
,, 24 ..	19	27	130	54	230
May 1 ..	28	35	209	91	363
,, 8 ..	37	41	205	73	356
,, 15 ..	22	18	169	30	239
,, 22 ..	10	42	101	327	480
,, 29 ..	44	40	201	203	488
June 5 ..	31	20	155	73	279
,, 12 ..	50	62	314	345	771
,, 19 ..	33	51	209	279	572
,, 26 ..	27	41	176	218	462
July 3 ..	21	27	163	162	373
,, 10 ..	38	55	208	270	571
,, 17 ..	18	22	101	120	261
,, 24 ..	26	33	155	115	329
,, 31 ..	9	5	47	85	146
August 7 ..	23	43	217	91	374
,, 14 ..	18	30	145	48	241
,, 21 ..	30	36	134	147	347
,, 28 ..	38	52	223	58	371
September 4 ..	33	34	133	46	246
,, 11 ..	38	40	221	350	649
,, 18 ..	43	60	256	302	661
,, 25 ..	40	41	280	266	627
October 2 ..	37	48	271	227	583
,, 9 ..	60	53	325	272	710
,, 16 ..	88	93	429	487	1,097
,, 23 ..	79	92	436	212	819
,, 30 ..	74	104	426	338	942
November 6 ..	72	112	387	137	708
,, 13 ..	69	81	375	212	737
,, 20 ..	85	117	453	192	847
,, 27 ..	67	99	390	283	839
December 4 ..	63	80	373	151	667
,, 11 ..	71	101	466	213	851
,, 18 ..	49	145	411	175	780
,, 24 ..	48	81	287	130	546
January 1 ..	57	86	349	114	606
Totals	2,175	2,987	13,569	9,539	28,270

The number of articles destroyed at the Apparatus during the year amounted to 663.

Date. 1886.		Number of Beds.	Number of Mattresses.	Number of Pieces of Bedding.	Number of Pieces of Wearing Apparel, &c.	Total Number of Articles.
Week ending—						
January	9	4	5	..	1	10
,,	16	2	10	5	10	27
,,	23	5	2	3	4	14
,,	30	..	7	..	..	7
February	6	8	12	5	13	38
,,	13	..	3	..	..	3
,,	20	4	12	11	..	27
,,	27	..	2	..	..	2
March	6	1	4	..	..	5
,,	13	..	3	..	..	3
,,	20	3	2	..	..	5
,,	27	1	2	3	..	6
April	3	1	6	2	7	16
,,	10	..	7	..	..	7
,,	17	..	4	5	13	22
,,	24	1	3	3	..	7
May	1	..	6	..	..	6
,,	8	3	5	2	..	10
,,	15	2	2	8	2	14
,,	22	1	2	2	..	5
,,	29	2	2	3	2	9
June	5	3	2	4	2	11
,,	12	..	6	14	..	20
,,	19	..	6	2	2	10
,,	26	..	..	..	..	..
July	3	..	..	..	..	..
,,	10	1	6	..	..	7
,,	17	..	4	..	..	4
,,	24	..	2	1	..	3
,,	31	2	..	..	2	4
August	7	..	5	..	16	21
,,	14	2	2	1	..	5
,,	21	6	6	2	17	31
,,	28	..	4	1	..	5
September	4	..	4	..	..	4
,,	11	2	..	2	..	4
,,	18	1	10	6	12	29
,,	25	2	4	5	..	11
October	2	2	..	3	24	29
,,	9	..	9	2	6	17
,,	16	3	9	5	2	19
,,	23	3	7	4	2	16
,,	30	2	8	5	..	15
November	6	..	..	..	..	..
,,	13	2	6	..	..	8
,,	20	..	3	..	..	3
,,	27	2	3	3	4	12
December	4	1	5	2	11	19
,,	11	2	16	..	..	18
,,	18	2	8	8	1	19
,,	24	..	3	4	15	22
January	1	4	6	6	34	50
Totals ..	..	82	245	134	202	663

INSPECTOR OF NUISANCES REPORT, 1886.

NUISANCES.

Nuisances inspected, complained of by Inhabitants ...	2,410
,, Reported by District Officers ...	66,207
,, Notices issued ...	43,621
,, Referred to the Medical Officer ...	6,301
,, ,, City Engineer ...	1,353
,, ,, Building Surveyor ...	1,461
,, ,, Water Engineer ...	6,967
,, ,, Superintendent of Scavengers ...	2,023
Number of Nuisance Informations ...	3,122
,, Fined ...	334
,, Magistrates Orders to abate ...	1,415
,, Withdrawn and Acquitted, the work being done ...	1,373
Amount of Fines and Costs ...	£119 12 0

HOUSE TO HOUSE VISITATION

Number of Inspections of Street Houses ...	60,118
,, Street Houses found Clean ...	57,927
,, ,, ,, ,, Dirty ...	2,191
,, Apartments in Street Houses Examined ...	200,231
,, Inspections of Court Houses ...	17,981
,, Court Houses found Clean ...	16,284
,, ,, ,, ,, Dirty ...	1,697
,, Apartments in Court Houses Examined ...	53,232
,, Re-inspections of Dirty Houses ...	12,124
Total Number of Houses Examined ...	90,223

CELLAR EXAMINATIONS.

Number of Inspections of Street Cellars ...	18,094
,, Cellars used for Lumber, Coals, &c. ...	5,988
,, ,, Found Empty... ...	677
,, ,, Illegally Occupied ...	351
,, ,, Legally ,, ...	11,078
,, Inspections of Court Cellars ...	5,178
,, Court Cellars used for Lumber, Coals, &c. ...	2,674
,, ,, Found Empty ...	738
,, ,, Illegally Occupied ...	73
,, ,, Legally ,, ...	1,693
,, Cellar Notices Issued ...	492
,, ,, Informations ...	157
,, Fined ...	152
,, Withdrawn ...	5
Amount of Fines and Costs ...	£16 3 0

INFECTED AND DIRTY HOUSES.

1,540 Infected Street Houses Inspected, containing ...	2,189 cases.
330 ,, Court ,, ,, ,, ...	415 ,,
34 ,, Cellars ,, ,, ...	50 ,,
Number of Notices to Owners to Cleanse Infected Houses ...	1,796
,, ,, Occupiers to Whitewash Dirty Houses ...	5,133
,, ,, Owners to Whitewash Exterior of Courts ...	2,279
,, Renewed Notices to Whitewash ...	1,452
,, Informations against Infected and Dirty Houses ...	564
,, Fined ...	89
,, Acquitted and Withdrawn ...	475
Amount of Fines and Costs ...	£26 10 0

SHIPPON AND PIGGERY INSPECTION.

Number of Inspections of Shippons and Piggeries	1,079
,, Informations	6
,, Fined	5
Amount of Fines and Costs £1 14 0	

DAIRIES AND MILK SHOPS.

Number of Inspections of Dairies and Milk Shops	2,883
,, found Incorrect	428
,, of Informations	34
,, Fined	26
,, Acquitted and Withdrawn	8
Amount of Fines and Costs £4 0 6	

COURT AND PRIVY EXAMINATIONS.

Number of Visits to Courts and Alleys	52,539
,, Closets found Dirty, but Cleansed during Officer's Inspection ...	90,140
,, Informations	13
,, Fined	9
Amount of Fines and Costs £1 10 0	

PROCEEDINGS FOR EXCESSIVE SMOKE.

Number of Informations against Manufactories	304
,, ,, Steamers	171
,, Fined	469
,, Acquitted or Withdrawn	6
Amount of Fines and Costs £402 1 0	

PROCEEDINGS UNDER THE ADULTERATION ACT.

No. of Samples.	Description of Samples.	Results of Analysis.
642	Milk	51 were found to be adulterated.
135	Skimmed Milk ...	21 ,, ,, ,,
61	Butter	28 ,, ,, ,,
52	Pepper	37 ,, ,, ,,
28	Butter Milk ...	5 ,, ,, ,,
22	Mustard	10 ,, ,, ,,
2	Coffee	1 was ,, ,,
1	Whisky	1 ,, ,, ,,
3	Ginger	Were found to be not adulterated.
2	Port Wine ...	,, ,, ,,
2	Beer	,, ,, ,,
1	Gin	was ,, ,,
1	Lard	,, ,, ,,
Total— 952		

The number of prosecutions was 97, the result being that 7 cases were dismissed with a caution or withdrawn, and in 90 cases penalties were inflicted varying from 5s. and costs to £2 and costs, amounting in all to £132 1s. 6d. One information was laid for refusing to sell a sample of milk, a fine of 10s. and costs was inflicted.

WATER CLOSET CONVERSIONS.

Number of Notices	390
,, Certified	352
,, Constructed	282
,, Demolished	40
,, under Notices not expired, and Empty Houses	203
,, of Informations	28
,, Fined	4
,, withdrawn, work being done	24
Amount of fines and costs	£4 3s. 6d.

REMOVALS TO MORTUARIES AND HOSPITALS.

Bodies Removed to Mortuaries.			Persons Removed to Hospitals.		
Smithdown Road.	St. Martin's.	Fazakerley.	Brownlow Hill.	Park Hill.	Netherfield Road.
12	36	3	529	194	194

KNACKERS' YARDS RETURNS.

Horses Destroyed.	Asses Destroyed.	Other Animals Destroyed.
1,411	23	31

SCAVENGING OPERATIONS.

As evidence of the satisfactory way in which the Scavenging work is done, and the beneficial effects resulting from it, the Medical Officer has much pleasure in submitting some extracts from a Report, drawn up by a Commission sent over from France to enquire into the various methods employed in English towns for the removal or destruction of refuse material.

EXTRACTS :

"The work of the last 25 or 30 years has altered the sanitary condition of Liverpool from top to bottom completely; without entering in detail upon the various works undertaken, such as the construction of sewers, the filling up of cesspools, the rendering wholesome of houses by the regulation of middens, closets, and ashpits, suffice it to say that to-day, Liverpool is, if not the cleanest, one of the cleanest and best cared for towns in England."

"The magnitude of the evil led, without hesitation, to the adoption of the best measures."

"In short, the Corporation of Liverpool have held in view, less the maximum utilisation of refuse, than its rapid and complete removal. The Sanitary aspects have been kept in the foreground, and the results have speedily repaid the intelligent efforts of the Council."

"In confirmation of this it is only necessary to quote the death-rate, which has gradually fallen from 36 in 1850, down to 23·7 per 1,000 in 1885. This is less than Manchester and Newcastle-on-Tyne, whose figures of mortality have only fallen to 26·4 and 26·0, but it is still a little higher than London, where the death-rate is only 19·6 per 1,000 inhabitants."

The following tables have been compiled by the Veterinary Superintendent, Mr. Richard S. Reynolds, M.R.C.V.S., who has charge of the scavenging staff, and under whose superintendence the work has, as usual, been well and satisfactorily conducted.

Year 1886.

TABLE No. 1.

NIGHT SERVICE FOR EMPTYING MIDDENS, COURT ASHPITS, AND SOME OFFICE ASHPITS.

Notices Received.	Middens, &c., Emptied.	Loads of Nightsoil and Ashes.						Nightly average Working Staff.				Analysis of Work.		Average contents of each Midden.
		Number Removed.			Where Deposited.									
		Manure.	Ashes.	Total.	Phillips Street.	Sandhills.	South Wharves.	Midden Men.	Wharf Men.	Carts.	Horses.	Loads per Man per Night.	Loads per Cart per Night.	Cart Loads.
1,471	6,857	643	6,482	7,125	5,779	...	1,346	7·6	2·2	6·6	6·6	3·1	3·42	1·

TABLE No. 2.

SERVICE FOR THE COLLECTION AND REMOVAL OF DRY ASHPIT ASHES.

Notices Received.	Ashpits Emptied.	Loads of Dry Ashes.						Average Daily Working Staff.			Analysis of Work.		Average contents of each Ashpit.
		Number Removed.	Where Deposited.										
			Phillips Street.	Sandhills.	South Wharves.	Waver-tree.	Rubbish Tips, &c.	Ashpit Men.	Carts and Wagons.	Horses.	Loads per Man per Day.	Loads per Cart per Day.	Cart Loads.
2,859	252,586	66,338	17,388	20,927	20,744	1,328	5,951	71·5	54·7	55·1	2·97	3·88	·26

TABLE No. 3.

SERVICE FOR THE COLLECTION AND REMOVAL OF BELL CART ASHES.

Loads Removed	Where Deposited.				Carts Employed.
	Phillips St.	Sandhills.	River Craft.	Rubbish Tips	
17,789	9,134	2,395	6,247	13	15·5

TABLE No. 4.

SERVICE FOR FLUSHING AND CLEANSING TROUGH WATER CLOSETS.

Number of Urinals.	Number of Trough Water Closets.	Average Working Staff.	
		Trough W. C. Men.	Urinal Men.
231—612 Stalls.	3,153	48·4	11·1

TABLE No. 5.

SERVICE FOR CLEANSING, COLLECTION, AND REMOVAL OF REFUSE FROM STREETS, COURTS, PASSAGES, &c.

Loads of Street Sweepings Removed.						Average Daily Staff.				Average Number of Loads Removed Daily per Cart.
Total Number Removed.	Where Deposited.					Scavengers.	Sweeping Machines.	Carts.	Horses.	
	Phillips Street.	Sandhills.	Wavertree.	South Wharves.	Refuse on Tips and New Macadam.					
100,227	50,499	16,607	3,930	20,134	9,057	374·7	15·6	75·8	76·1	4·32

TABLE No. 6.

CLEANSING AND REMOVAL OF REFUSE FROM STREETS, COURTS, AND PASSAGES ON SUNDAYS.

Loads of Street Sweepings.										Average Daily Staff.	
Removed.				Where Deposited.							
				Phillips Street.		Sandhills.		River Craft Dock.			
Manure.	Ashes.	Refuse.	Total.	Manure.	Refuse.	Manure.	Refuse.	Manure.	Refuse.	Men.	Horses.
2,376	...	2,047	4,423	1,700	664	432	547	244	836	152·7	32·2

TABLE No. 7.

SERVICE FOR STREET WATERING.

FRESH WATER.

Number of Days on which Carts were out.	Total Number of Loads Distributed.			Average Daily Staff employed during the Season.		Average No. of Loads Distributed Daily per Cart.
	Large.		Small.	Watermen.	Carts and Horses.	Large.
	Day.	Night.	Day.			
128	166,305	10,493	5,532	31·6	44·3	31·8

SALT WATER.

Number of Days on which Carts were out.	Total Number of Loads Distributed.			Average Daily Staff employed during the Season.		Average No. of Loads Distributed Daily per Cart.
	Large.		Small.	Watermen.	Carts and Horses.	Large.
	Day.	Night.	Day.			
...	...	...	...	...	...	...

TABLE No. 8.

DESPATCHES OF MANURE AND REFUSE.

	Saleable Manure.				Unsaleable Refuse.					Grand Total in Tons.	Average Daily Staff.	
	Night Soil.	Sweepings.	Mixture.	Total.	Contractors.	Farmers.	Depôts.	Sea.	Total.		Inspectors and Foremen.	Labourers.
Phillips Street, by Flats..	..	6,384	8,256	14,640	18,096	75,312	3,648	..	97,056	111,696	1	23
Sandhills, do. ..	..	..	..	..	9,984	11,040	8,208	..	29,232	29,232		
Do., by Rail ..	101	7,036	439	7,576	..	1,000	..	..	1,000	8,576		
Wavertree do. ..	..	3,336	..	3,336	..	2,736	..	..	2,736	6,072	..	
Phillips Street.....												
Sandhills, *viâ* Stanley D'k per "Alpha"	..	..	..	..	..	..	..	3,060	3,060	3,060	1	30
per "Beta"	..	..	..	..	..	..	..	60,115	60,115	60,115		
River Craft Dock.....	..	..	6,312	6,312	..	4,494	..	..	4,494	10,806	..	
Do., per "Alpha".....	..	..	..	..	..	..	..	59,480	59,480	59,480	1	44
Do., per "Beta"	..	..	..	..	..	..	..	10,025	10,025	10,025		
	101	16,756	15,007	31,864	28,080	94,582	11,856	* 132,680	267,198	299,062	3	97

* This includes 6,800 cart loads of snow loaded at George's Dock.

TABLE No. 9.

HORSES.—DAILY AVERAGE NUMBER.

Hired.	Corporation Horses.				Supplied for various Works.																				
					Scavenging.													City Engineer.							
Number.	Number.	Effective for Work.	Percentage of Ineffectives.	At Work every Sunday.	Night Soil Removal.	Dry Ash Removal.	Bell Ash Removal.	Street Scavenging.	Yards, Stables, Stores, &c.	Market.	Superintendent.	Watering.	Watering before Street Machines.	Carr Hall.	Messenger.	Wharf.	Abattoir.	Paving.	Sewers Cleansing.	Brownlow Street.	Watering before Steam Roller.	Lighting Committee.	Horsing Police Vans.	Disinfecting Vans, &c.	Sefton Park.
35·2	277·6	269·8	2·7	64·	6·6	55·1	15·5	93·6	4·4	1·1	1·	14·4	3·3	6·	2·	1·	2·	61·2	21·4	1·	·9	1·	6·5	7·	..

New Horses.		Number Disposed of.		
Purchased.	Bred.	Died.	Destroyed.	Sold.
41	..	4	1	35

TABLE No. 10.

AVERAGE DAILY STAFF OF MEN EMPLOYED.

General.	Inspectors.		3·1
	Timekeeper, Checker, &c.		2·
	Clerks		4·
	Office Boys.		1·
	Total.		10·1
Night Service.	Inspectors.		2·
	Midden Men.		7·6
	Wharf Men.		2·2
	Total.		11·8
Day Service.	Inspectors and Foremen.		24·
	District Storekeepers.		9·3
	Watermen.		10·6
	Barrow Men.		78·
	Sweepers.		130·4
	Cart Followers.		93·6
	Passage Men.		29·
	Gully Men.		30·
	Trough Closet Men.		48·4
	Urinal Men.		11·
	Disinfecting.		·23
	Ash Men.		71·5
	Boat Men.		5·7
	Crews Hopper Barges.		20·8
	Carr Hall.		8·9
	Orderly Boys.		16·5
	Total.		587·93
Stables, Yards, and Stores.	Horsekeepers.		4·
	Night Watchmen.		4·
	Carters, Yardmen, Stablemen, and Storekeepers.		254·6
	Total.		262·6
Workshops.	Cartwrights.		10·6
	Shoeing Smiths.		7·
	Blacksmiths and Strikers.		12·4
	Painters.		4·2
	Total.		34·2
Wharves, Depôts, &c	Foreman.	Phillips Street.	1
	Labourers.	Sandhills.	23
	Foreman.	River Craft Dock.	1
	Labourers.		44
	Foreman.	Gorsey Lane, Aintree, and Ford.	1
	Labourers.		13
	Foreman.	Various Town Deposit Places.	..
	Labourers.		1
	Foreman.	Stanley Dock.	1
	Labourers.		30
	Total.		115
	Grand Total.		1021·63

TABLE No. 11.

Daily Consumption of Provender and Weekly Cost per Horse per Week.
Food and Litter.

Days Keep.		Total Consumption of Food.			Daily Average Consumption per Horse.	Weekly Cost of each Horse's Keep.	
					Lbs.		
101,299	Horses of Health Committee.	Corn	11,159	centals.	10·89		
		Beans and Peas ..	3,950	,,	3·85		
		Oats	572	,,	·55		
		Bran	3,035	,,	2·96	Gross weekly cost	..11s. 2d.
		Meal	405	,,	·39	Credit value of Manure	9d.
1,100	Livery, &c.	Roots ..... / Grass.....	1,834	cwts.	2·		
102,399							10s. 5d.
		Hay	10,213	,,	11·17		
		Straw	5,971	,,	6·53		
		Moss	892	,,	3·22		
		Sawdust	2,060	,,			

TABLE OF NEW CASES OF SICKNESS,

Coming to the knowledge of the Medical Officer of Health during the year 1886, in the Urban Sanitary District of Liverpool, classified according to

LOCALITIES *and* DISEASES.

NAMES OF LOCALITIES. WARDS.	NEW CASES OF SICKNESS IN PERSONS BELONGING TO THE DISTRICT.				
	Small Pox.	Measles.	Scarlatina.	Diphtheria.	Continued Fevers.
Scotland	36	147	131	7	91
Vauxhall	15	15	42	1	59
St. Paul's and Exchange	6	33	44	3	17
St. Anne's and Lime Street	35	103	123	9	39
Castle Street and St. Peter's	3	10	13	1	..
Pitt Street and Great George	5	10	25	3	13
Rodney Street and Abercromby	13	97	140	24	46
Everton	14	469	470	33	140
Kirkdale	36	245	165	32	77
West Derby	6	298	268	18	67
The Toxteths	63	243	320	51	124
Emigrants, Seamen, and others admitted to Hospital whose residences were unknown	2	20	6	1	12
TOTALS	234	1690	1747	183	685

TABLE

URING THE 52 WEEKS OF THE YEAR 1886, IN THE URBAN SANITARY DISTRICT (
ALSO THE POPULATION OF SUCH LOCALITI

(I.) Names of Localities adopted for the purpose of these Statistics; public institutions being shown as separate localities. WARDS.	Population at all Ages. Census 1881.	Population at all Ages. Estimated to middle of 1886.	Registered Births.	Mortality from all Causes, at Subjoined Ages. At all Ages.	Under 1 Year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and upwards
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11
Scotland	70606	65953	2338	1507	448	355	90	54	390	17
Vauxhall	15382	13477	413	349	108	80	20	8	99	[illegible]
St. Paul's and Exchange	19937	17818	472	384	95	59	19	16	118	7
St. Anne's and Lime Street	36688	34299	920	716	212	155	42	22	184	1[illegible]
Castle Street and St. Peter's	6644	5905	106	115	21	14	5	5	46	[illegible]
Pitt Street and Great George	18910	16604	487	348	100	66	7	20	105	
Rodney Street and Abercromby	41997	39353	1280	688	171	113	28	28	176	1[illegible]
Everton	109812	117950	4169	2374	726	489	156	103	523	[illegible]
Kirkdale	58145	76183	2560	1335	416	268	80	64	345	1[illegible]
West Derby	67727	76716	2740	1463	455	307	80	56	315	[illegible]
The Toxteths	106660	122062	4074	2260	733	418	100	91	523	[illegible]
(II.) Public Institutions. Parish Workhouse & Hospitals	..	..	..	1808	168	125	90	130	879	[illegible]
(II.) Public Institutions. Out Township Hospitals	..	..	..	572	17	33	56	61	325	
Totals	552508	586320	19559	13919	3670	2482	773	658	4028	2[illegible]

Deaths occurring outside the division or district among persons belonging thereto	179	14	3	5	13	63
Deaths occurring within the division or district among persons not belonging thereto	203	4	12	8	23	126

OF DEATHS

LIVERPOOL, CLASSIFIED ACCORDING TO DISEASES, AGES, AND LOCALITIES, AND SHOWING
AND THE BIRTHS THEREIN DURING THE YEAR.

MORTALITY FROM SUBJOINED CAUSES, DISTINGUISHING DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE.

12.	Smallpox. 13.	Measles. 14.	Scarlatina. 15.	Diphtheria. 16.	Croup (not 'spasmodic') 17.	Whooping Cough. 18.	Continued Fevers. Typhus. 19.	Enteric or Typhoid 20.	Other or Doubtful. 21.	Diarrhœa and Dysentery. 22.	Cholera. 23.	Rheumatic Fever. 24.	Erysipelas. 25.	Pyæmia. 26.	Puerperal Fever. 27.	Ague. 28.	Phthisis. 29.	Bronchitis, Pneumonia, and Pleurisy. 30.	Heart Disease. 31.	Injuries. 32.	All Other Diseases. 33.
Under 5	..	32	29	2	14	11	..	..	1	96	1	..	1	..	..	..	10	158	..	27	421
upwards	..	..	7	1	2	1	3	6	2	7	..	4	1	..	1	..	86	221	69	37	256
Under 5	..	7	2	1	2	7	..	..	..	11	..	..	1	..	..	..	1	45	..	11	100
upwards	..	..	3	..	..	..	2	2	..	..	..	..	..	..	..	..	23	55	17	7	52
Under 5	..	4	4	..	2	3	..	1	..	8	..	..	1	..	..	..	2	33	..	9	87
upwards	1	..	2	1	..	1	1	2	..	..	1	1	..	1	..	..	23	91	18	8	79
Under 5	...	16	21	5	6	12	..	..	..	29	1	..	1	..	..	..	3	62	..	16	195
upwards	..	2	6	1	1	..	2	5	..	..	..	1	1	..	..	.	53	92	32	13	140
Under 5	..	..	1	..	...	..	..	..	..	5	..	..	..	..	..	..	..	4	..	..	25
upwards	..	..	1	..	..	..	..	..	..	3	..	1	..	..	..	..	13	13	10	4	35
Under 5	..	1	1	2	4	1	..	..	..	26	..	..	2	..	..	..	..	31	..	2	96
upwards	..	..	..	..	1	..	..	3	..	...	..	3	2	..	1	..	26	38	18	4	86
Under 5	..	10	10	4	4	1	..	1	..	31	3	..	..	..	..	..	2	42	2	12	162
upwards	..	1	3	2	..	..	..	5	..	1	..	2	1	.	..	..	63	74	38	10	204
Under 5	..	63	41	11	25	44	..	2	1	138	4	..	2	..	..	..	8	223	1	32	620
upwards	..	6	28	8	3	..	3	21	2	5	.	7	3	..	2	..	209	287	84	19	472
Under 5	..	36	13	18	15	21	..	3	..	108	1	..	3	..	..	..	5	103	1	12	345
upwards	..	3	5	5	5	1	1	14	..	11	..	2	5	1	2	..	116	150	60	19	251
Under 5	..	44	22	9	23	21	..	..	..	95	1	..	1	..	..	..	2	126	2	9	407
upwards	..	5	8	5	3	1	..	7	..	9	1	6	..	1	1	..	110	162	70	8	304
Under 5	2	19	19	18	21	24	..	3	1	158	..	..	2	..	..	..	2	213	..	36	633
upwards	..	1	9	12	5	..	2	14	4	5	..	9	2	..	1	..	196	231	111	30	477
Under 5	..	19	13	15	4	2	..	1	..	7	1	..	1	..	..	..	2	30	..	20	178
upwards	..	4	9	2	1	..	25	31	..	39	..	5	4	1	1	3	285	331	103	88	583
Under 5	7	..	8	1	..	..	..	1	..	..	..	..	1	..	..	..	..	5	..	6	21
upwards	19	..	12	2	1	1	8	18	..	5	..	3	3	1	..	..	89	60	60	35	205
Under 5	9	251	184	86	120	147	..	12	3	712	12	..	16	..	..	..	37	1075	6	192	3290
upwards	20	22	93	39	22	5	47	128	8	85	2	44	22	5	9	3	1292	1805	690	282	3144
Under 5	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	2	..	..	14
upwards	..	..	..	..	..	..	..	1	..	1	..	..	1	..	..	..	24	26	17	4	88
Under 5	..	..	1	1	..	..	..	1	..	1	..	..	..	..	..	..	1	1	..	3	7
upwards	..	..	2	1	..	..	2	8	..	3	..	..	1	..	..	1	26	19	18	13	93

PHILIP'S PLAN OF LIVERPOOL

SCALE OF ½ MILE

MORTALITY MAP OF FEVER IN 1886.

The Red Dots mark the Number of Deaths.

(The Deaths occurring in Hospitals have been transferred to the streets from whence the Patients were removed.)

GEORGE PHILIP & SON LONDON & LIVERPOOL

DEATHS REGISTERED IN THE CITY OF LIVERPOOL,

DURING THE YEAR ENDING SATURDAY, 1ST JANUARY, 1887.

CAUSE OF DEATH.	Sex: Male.	Sex: Female.	Age—below: 1	2	5	10	15	20	25	30	40	50	60	70	80	90	100	105	?	Parish of Liverpool.	Out Townships.
All Causes	7142	6777	3670	1378	1104	522	251	282	376	453	1107	1237	1229	1336	749	212	9	2	2	5915	8004
I.—Zymotic Diseases	1147	1065	749	454	418	186	50	33	45	35	69	50	31	44	15	3				795	1417
II.—Diseases of Uncertain or Variable Seat.	143	258	15	4	10	5	6	1	7	10	37	76	104	76	40	10				178	223
III.—Tubercular Diseases	1007	879	199	151	129	99	61	103	175	184	366	262	114	43						785	1101
IV.—Diseases of the Brain, Spinal Marrow, &c.	964	847	657	193	134	61	34	33	27	22	80	119	144	193	98	16				689	1122
V.—Diseases of the Heart and Blood Vessels	400	361	4	1	5	17	21	26	27	34	107	150	141	149	70	9				336	425
VI.—Diseases of the Lungs, &c	1580	1498	609	321	225	66	30	28	43	78	194	301	427	488	229	34	2			1404	1674
VII.—Diseases of the Stomach, Liver, &c.	421	403	213	115	32	23	17	11	12	18	74	101	100	70	31	7				339	485
VIII.—Diseases of the Kidneys, &c.	175	112	2	7	20	10	8	7	10	20	34	49	52	44	22	2				141	146
IX.—Childbirth, Diseases of the Uterus, &c.		110						5	9	19	43	23	4	5	1	1				34	76
X.—Rheumatism, Diseases of the Joints, &c	34	23	1	3		4	5	2	3	2	7	4	11	8	7					28	29
XI.—Diseases of the Skin, Cellular Tissue, &c.	29	29	12	3	4	5	1	1		5	6	6	9	4	1	1				26	32
XII.—Malformations	16	17	31	2																10	23
XIII.—Premature Birth	150	111	261																	78	183
XIV.—Atrophy and Debility	505	483	765	111	50	11	2	3	1		2	13	30							454	534
XV.—Old Age	180	335												156	224	126	7	2		239	276
XVI.—Privation, Cold, &c.																					
XVII.—Violence, &c.	369	228	143	13	41	32	16	27	16	26	83	74	60	47	11	3			2	347	250
Causes not specified	22	18	9		3	3		2	1		5	6	2	9						32	8
Class 1.—Small Pox	16	13	5		4	4	7		5		2	2								1	28
Measles	154	119	44	113	94	20	2													96	177
Scarlatina	155	122	24	44	116	70	15	2	4	1	1									112	165
Whooping Cough	61	91	56	43	48	5														39	113
Croup	81	61	16	38	66	22														41	101
Diarrhœa	396	385	489	180	39	7					2	6	14	30	11	3				254	527
Dysentery	14	2	3		1					2	6	2	1		1					9	7
Cholera	6	8	6	6							1		1							7	7
Influenza																					
Infantile Remittent Fever	2	1			3																3
Fever	100	98	1	1	13	23	10	26	24	24	36	24	9	6	1					93	105
Erysipelas	16	22	11	2	3		1	1	4		4	6	2	3	1					16	22
Syphilis	51	36	71	8	4	1					1	1	1							55	32
Diphtheria	59	66	12	19	55	30	7		1		1									36	89
Thrush	4	2	6																	4	2
Mumps	1		1																	1	
Puerperal Fever		9							3	3	3									3	6
Rheumatic Fever	20	24				3	8	3	4	5	7	6	3	4	1					17	27
Quinsy	4	2	1		2	1					2									4	2
Ague	3										1	1		1						3	
Chicken Pox	1	1	2																	1	1
Purpura	1	3	1					1			1	1								1	3
Charbon	1										1									1	
Scurvy	1											1								1	
Class 2.—Dropsy	8	13	2		2	4	1		1	1	1	1	3	3	1	1				8	13
Cancer	104	199			1	1	2	1	5	8	30	67	89	63	31	5				135	168
Tumour	2	4			1							1	1	2	1					2	4
Gangrene	13	11	2									4	4	5	6	3				12	12
Gout	4	2									1	1	2		1	1				3	3
Anæmia	6	14	7				1		1	1	4	2	2	2						6	14
Cellulitis	1	4	2	2			1													4	1
Noma	2	8	2	2	6															5	5
Carbuncle	2	1											2	1						1	2
Lymphadenoma	1	2					1				1		1							2	1
Class 3.—Scrofula	99	78	38	41	31	25	8	10	2	3	11	4	4							67	110
Tabes Mesenterica	114	100	93	58	38	19	4		1				1							71	143
Phthisis	700	629	13	6	18	37	45	93	172	180	355	258	109	43						592	737
Hydrocephalus	94	72	55	46	42	18	4			1										55	111
Class 4.—Inflammation of Brain, &c.	195	166	123	73	55	31	18	13	9	7	12	3	10	3	4					106	255
Sunstroke	1													1						1	
Apoplexy	131	153						5	4	2	27	51	49	96	42	8				111	173
Delirium Tremens	1											1									1
Paralysis	72	82				1	1	3	2	2	14	15	36	46	30	4				49	105
Tetanus	2	2	2						1		1									2	2
Epilepsy	15	13			2	2	1	3	2	4	3	4	4	1	2					15	13
Convulsions	389	311	514	106	60	15	2	1			1		1							266	434
Myelitis	3	1								1	2	1								4	
Disease of Brain, &c.	97	79	5	4	3	4	3	4	4	4	11	31	37	43	20	3				99	77
Congestion of Brain	22	15	11	6	5	3	2		1	1	1	5	1	1						9	28
Disease of Spine	16	10	2	2	3	1	4	1	2		1	4	4	1		1				10	16
Otitis	5	5			2	3	2	1	1			1								4	6
Cerebro-spinal Meningitis	4	5		2	1	1	1	2	1			1								4	5
Spinal Meningitis	4	1			3						1			1						3	2
Alcoholism	7	4								1	6	2	2							6	5
Class 5.—Disease of Heart	281	296		1	5	11	15	24	26	26	83	109	103	120	50	7				279	301
Valvular Disease of Heart	67	45				5	6	2		4	12	22	22	20	18	1				26	86
Aneurism	27	4								1	4	13	9	4						15	16
Hæmorrhage	7	9	3						1		3	4	4	1						10	6
Syncope	7	3	1							2	1	2	1	2	1					3	7
Angina Pectoris	3	1								1	1			1	1					2	2
Phlebitis	1	3				1					2		1							1	3
Embolism	4										1		1	1		1					4
Class 6.—Bronchitis	1012	1034	425	209	116	32	10	5	9	19	86	187	305	417	198	26	2			970	1076
Pneumonia	437	342	147	90	84	28	17	18	25	46	82	87	79	46	24	6				317	462
Asthma	13	12					1				3	6	9	5	1					10	15
Disease of Lungs, &c.	3								1	1		1								1	2
Congestion of Lungs	42	48	18	9	8	1	1	2	3	5	8	6	13	10	5	1				39	51
Emphysema of Lungs	7	6			1			1			4	2	4	1						7	6
Pleurisy	33	22	3	1		2		2	1	6	9	8	13	8	1	1				33	22
Hæmoptysis	6	7	1						3		1	5	2	1						6	7
Laryngitis	20	21	6	10	14	3	1		1	1	1	2	2							18	23
Laryngismus Stridulus	6	5	8	2	1															2	9
Disease of Larynx	1				1															1	
Tracheitis		1	1																		1
Class 7.—Teething	44	48	46	45	1															48	44
Glossitis		1													1					1	
Inflammation of Stomach	20	28	12	1	1	6		1			7	8	4	5	2	1				17	31
Inflammation of Bowels	116	104	101	57	15	6	5	2		2	4	5	11	7	5					89	131
Peritonitis	33	37	2	3	3	6	6	3	7	3	14	9	5	4	4	1				22	48
Disease of Stomach, &c.	41	32	16	4	5	2	2	3	2	1	9	7	6	12	3	1				28	45
Disease of Liver	112	107	20	2	1	1	1	1	2	9	27	58	56	29	9	3				85	134
Disease of Rectum	5	1	1									1	1	3						2	4
Disease of Spleen	1											1									1
Hernia	10	11	3		1						1	3	4	4	5					12	9
Ileus	21	13	6		2	2	1		1	2	9	3	3	3	1	1				18	16
Hæmatemesis	3	1										1	2	1						1	3
Sore Throat	1	2		1			1					1									3
Stomatitis	5	5	5	2	3															6	4
Stricture of Œsophagus	2	3									1	1	1	1	1					3	2
Ascites	2	9	1				1	1			1	2	4	1						5	6
Gall Stones	1	1											2								2
Colic	2										1	1								1	1
Lead Poisoning	2										1		1							1	1
Class 8.—Disease of Kidneys, &c.	32	24		2	3		1	1	1	2	8	10	12	10	6					36	20
Stone	2						1							1							2
Nephria	98	75	2	5	17	9	5	2	7	12	19	32	32	20	10	1				79	94
Diabetes	11	8					1	2	1	5	2	2	1	4	1					9	10
Cystitis	12	2								1	2	1	3	4	3					8	6
Disease of Bladder	9	2						1	1		1	2	2	4						3	8
Disease of Prostate	2													1		1				1	1
Stricture of Urethra	5										1		2		2					1	4
Disease of Supra-renal Capsule	4	1				1		1			1	2								4	1
Class 9.—Childbirth		48						1	4	6	27	10								14	34
Mala Puerperis Incidentia		30						3	2	11	10	4								6	24
Disease of Uterus, &c.		19							2	1	3	7	2	3		1				8	11
Disease of Ovary, &c.		11							1	1	2	2	2	2	1					6	5
Pelvic Abscess		2						1			1										2
Class 10.—Rheumatism	16	8									4	2	8	6	4					12	12
Disease of Bones and Joints	18	15	1	3		4	5	2	3	2	3	2	3	2	3					16	17
Class 11.—Abscess	13	10	7	1	4	1	1	1		1	2	2	2	1						8	15
Ulcer	5	5	1								1		5	3						6	4
Pyæmia	2	3				2				1	1	1								2	3
Septicæmia	3	7				2				2	2	3	1							6	4
Leucocythæmia	1									1										1	
Disease of Skin	5	4	4	2									1		1	1				3	6
Class 17.—Natural Causes	58	29	6	1	1	1	3	6	1	5	18	12	16	16	1					51	36
Drowned	35	10	1	2		2	3	1	3	4	10	11	5	2					1	26	19
Suffocated	58	71	121	1				1	1			1	3	1						58	71
Burns	17	23		2	13	8	1	1	1	2	2		5	4	1					25	15
Scalds	16	10	4	4	9	1	2	1		2	1	2								19	7
Accidentally Killed	98	34	2	2	16	9	7	8	6	2	23	18	20	10	7	2				86	46
Injuries—no Evidence	19	14		1	4	8		2		1	6	4	2	3	1	1				18	15
Excessive Drinking	24	12								2	17	13	3	1						28	8
Want of Attention after Birth	1	2	3																	1	2
Exposure to Cold		1	1																	1	
Accidentally Shot	1							1												1	
Accidentally Poisoned	4	2			1	1				1			1	2						3	3
Accidentally Choked	1											1									1
Manslaughter		4	1			1			1					1						3	1
Murder	4	1	1			1		1		1		1								3	2
Effects of Immersion in Dock	4									1				2	1					3	1
Found Dead	1	2	2																1	1	2
Poisoned—no Evidence	2	2						1				2	1							2	2
Misadventure	2										1	1								1	1
Poisoned by Coal Gas		1							1												1
Poisoned by Sewer Gas	1							1												1	
Suicide by Cut Throat	2								1					1							2
Suicide by Poison	5	5						1		3	3	2	1							4	6
Suicide by Hanging	7	2						1		1	2	3	1	1						4	5
Suicide by Strangling	6							1				2	1	2						3	3
Suicide by Shooting	2												1	1						2	
Suicide by Drowning		2							1			1								2	
Suicide by Lying in Front of Railway Train	1									1										1	
Want of Proper Food and Attention		1	1																		1
Causes not specified	22	18	9		3	3		2	1		5	6	2	9						32	8
Males			1981	738	562	264	126	142	197	238	581	669	617	615	317	88	3	1		3093	4049
Females			1689	640	542	258	125	140	179	215	523	568	612	721	432	124	6	1	2	2822	3955

CAUSE OF DEATH.	Saint Martin's District: Scotland Ward	Gt Howard Street District: Vauxhall Ward	Dale Street District: Saint Paul's Ward	Dale Street District: Exchange Ward	Islington District: Saint Anne's Ward	Islington District: Lime Street Ward	St. George's District: Castle Street Ward	St. George's District: Saint Peter's Ward	St. Thomas's District: Pitt Street Ward	St. Thomas's District: Great George Ward	Mount Pleasant District: Rodney Street Ward	Mount Pleasant District: Abercromby Ward	Parish Hospitals, Mount Pleasant District: L'pool Work house	Royal Infirmary, &c	Children's Infirmary	Lying-in	Consumption	Great Howard Street District: North	Out-Township Hospitals, Kirkdale District: Stanley	Everton District: Netherfield Road	Women's Shaw Street	West Derby Union	Toxteth Park District: Royal South	City Hosp'l Park Hill	Everton District: Everton	Kirkdale District: Kirkdale	West Derby District: West Derby	Toxteth Park District: North Toxteth	South Toxteth	City of Liverpool
All Causes	1507	349	173	211	530	186	23	92	144	204	333	355	1335	232	88	3	23	127	57	49	11	276	153	26	2374	1335	1463	1313	947	13919
I.—Zymotic Diseases	238	46	21	14	87	32	3	11	15	36	40	48	165	9	22	1		7	2	46		8	9	26	433	281	270	188	154	2212
II.—Diseases of Uncertain or Variable Seat.	21	8	4	1	8	8	2	3	3	10	13	11	43	34	2			7	4		2	18	13		56	38	32	37	23	401
III.—Tubercular Diseases	168	35	13	24	50	23	1	14	11	35	41	50	235	31	21		18	15	3			74	27		328	191	169	179	130	1886
IV.—Diseases of the Brain, Spinal Marrow, &c.	190	46	17	29	65	26	3	19	28	30	41	53	110	20	5			7	3	1		36	15		309	211	200	200	147	1811
V.—Diseases of the Heart and Blood Vessels	72	18	12	7	23	12	3	7	12	9	18	25	66	35	5		2	10	2			39	27		92	64	78	78	45	761
VI.—Diseases of the Lungs, &c	407	101	57	72	127	35	3	18	33	40	61	65	336	20	13		3	13	5	1		44	21		550	266	309	287	191	3078
VII.—Diseases of the Stomach, Liver, &c.	91	26	7	21	39	14	3	4	8	10	23	24	40	16	10			3	6		2	10	6		130	54	117	100	60	824
VIII.—Diseases of the Kidneys, &c.	21	4	4	7	9	4		3	3	4	11	12	28	21	2			8	2			8	13		42	20	22	27	12	287
IX.—Childbirth, Diseases of the Uterus, &c.	8	2		1	2		1		2	2	6	2	4	4							5	1	1		30	12	12	12	3	110
X.—Rheumatism, Diseases of the Joints, &c	2				1					2	1		14	4	2			2	3			3			11	2	8	1	1	57
XI.—Diseases of the Skin, Cellular Tissue, &c.	4	1		3					1		1	2	10	4					1		2		1		6	4	7	5	6	58
XII.—Malformations	1		1								1	4	2			1			1						6	6	5	2	3	33
XIII.—Premature Birth	33	2	3	3	10	8			3	5	5	5				1									52	39	37	28	27	261
XIV.—Atrophy and Debility	141	23	14	11	59	7		4	13	7	31	26	115		3							7	3		179	73	113	80	79	988
XV.—Old Age	36	10	11	8	15	9		3	3	8	21	14	100					1	1			23			82	34	57	49	30	515
XVI.—Privation, Cold, &c.																														
XVII.—Violence, &c.	74	27	8	10	32	8	4	5	8	4	15	11	51	34	2			54	24	1		5	16		65	39	27	37	36	597
Causes not specified			1		3			1	1	2	4	3	16		1								1		3	1		3		40
Class 1.—Small Pox				1																				26					2	29
Measles	32	7	3	1	11	7				1		11	22		1										69	39	49	15	5	273
Scarlatina	36	5	1	5	21	6	1	1	1		8	5	21		1					20					69	18	30	18	10	277
Whooping Cough	12	7	2	2	10	2				1		1	2										1		44	22	22	12	12	152
Croup	16	2	2		5	2			1	4	2	2	3		2				1						28	20	26	16	10	142
Diarrhœa	103	11	6	2	21	7	2	4	8	18	16	15	40		1							3			142	119	103	75	85	781
Dysentery					1			2				1	2	1				2					2		1		1	2	1	16
Cholera	1		1		1						2	1			1										4	1	2			14
Influenza																														
Infantile Remittent Fever																									2		1			3
Fever	12	4	3	1	6	1				3	3	3	51	2	1			3	1	22		1	3		29	18	7	11	13	198
Erysipelas	2	1		1	1	1				4	1		4					1		1		3			5	8	1	2	2	38
Syphilis	12	5	1	1	5	3		1	2	2	4	4	14	1									1		10	8	7	3	3	87
Diphtheria	3	1	1		4	2			1	1	3	3	4		13					3					19	23	14	26	4	125
Thrush	1	1						1				1																2		6
Mumps	1																													1
Puerperal Fever	1								1							1									2	2	1		1	9
Rheumatic Fever	4		1		1			1	1	2	1	1		3	2							1	2		7	2	6	5	4	44
Quinsy	1	1						1					1												2					6
Ague														2				1												3
Chicken Pox													1																1	2
Purpura						1																				1		1	1	4
Charbon	1																													1
Scurvy		1																												1
Class 2.—Dropsy	3	1		1						1			2												7	4		1	1	21
Cancer	14	6	4		4	6	2		3	7	11	9	34	30				5	4		2	16	10		41	28	28	25	14	303
Tumour	1	1																					1		1		1		1	6
Gangrene	1							2		1		2	3	2				1				1	1		2	2	1	2	3	24
Gout	1					2																				1		1	1	6
Anæmia	1				1			1			1		1	1								1	1		1	3		6	2	20
Cellulitis					3										1													1		5
Noma													3		1			1							3		1		1	10
Carbuncle										1															1			1		3
Lymphadenoma											1			1													1			3
Class 3.—Scrofula	12	6	2	1	2	1			5	9	4	2	6	5	10			2	1			4	8		27	13	7	24	26	177
Tabes Mesenterica	39	3		5	5	1		1		3	5	6	3												43	39	32	19	10	214
Phthisis	96	24	10	15	38	18		13	6	20	27	38	222	26	8		18	13	1			70	18		217	121	112	117	81	1329
Hydrocephalus	21	2	1	3	5	3	1			3	5	4	4		3				1				1		41	18	18	19	13	166
Class 4.—Inflammation of Brain, &c.	36	3	4	4	9	3		5	6	4	8	9	7	4	3			1				6	4		60	43	49	56	37	361
Sunstroke											1																			1
Apoplexy	20	5	3	8	12	3	3	4	5	9	5	18	7	4				5	1			9	5		42	21	27	43	25	284
Delirium Tremens																											1			1
Paralysis	15	2	2		2	1		1		2	9	6	7	2					1	1		8	2		27	27	13	18	8	154
Tetanus											1		1									1			1					4
Epilepsy	7	1		1		1		1	1				3												5	4	1	2	1	28
Convulsions	97	34	8	14	35	13		7	15	12	12	14	4					1	1			1	1		137	97	85	52	60	700
Myelitis													2	2																4
Disease of Brain, &c.	7	1			2	2		1	1	1	2	3	73	5	1							9	2		22	6	14	18	6	176
Congestion of Brain	5				1	1				1		1										1			4	4	5	6	8	37
Disease of Spine	1			1		1				1			5	1											7	5	1	2	1	26
Otitis	1			1	1										1										1	4	1			10
Cerebro-spinal Meningitis					1						1		1	1											2		2	1		9
Spinal Meningitis	1					1						1											1						1	5
Alcoholism					2						2	1		1								1			1		1	2		11
Class 5.—Disease of Heart	59	14	11	7	18	10	3	6	10	7	17	20	63	22	3		2	7				28	17		72	49	58	51	26	580
Valvular Disease of Heart	9	3			3	1		1	1			2		4	2				1			10	4		13	12	13	18	15	112
Aneurism		1			1	1				1			3	8								1	6		2	1	2	3	1	31
Hæmorrhage	1		1		1				1	1		1		1				3	1						1		2	1	1	16
Syncope	1											2													2	2		3		10
Angina Pectoris	1										1																1		1	4
Phlebitis	1																										1	1	1	4
Embolism																									2		1	1		4
Class 6.—Bronchitis	282	81	43	58	87	25	1	7	24	28	36	37	247	9	3		1	1	2	1		25	4		387	166	189	174	128	2046
Pneumonia	93	19	12	10	32	9	2	7	6	10	19	20	58	2	7		2	9	2			15	12		119	82	93	88	51	779
Asthma	2				1			1			1	3	2												5	1	2	5	2	25
Disease of Lungs, &c.	1																						1		1					3
Congestion of Lungs	15			2	2	1		3		2	2	1	10	1					1			1			18	5	12	10	4	90
Emphysema of Lungs													4	3								1				1	2	2		13
Pleurisy	4		1		1				1		3	1	13	5	1			3				2	2		4	5	6	1	2	55
Hæmoptysis	2			1					1			1	1										1		3	1	1		1	13
Laryngitis	8	1	1	1	4							1	1		1								1		6	4	3	6	3	41
Laryngismus Stridulus									1			1													6	1	1	1		11
Disease of Larynx															1															1
Tracheitis																									1					1
Class 7.—Teething	13	2	1	5	13	3				1	5	5													17	2	16	6	3	92
Glossitis													1																	1
Inflammation of Stomach	5					1					1	1	9									1			8	2	12	4	4	48
Inflammation of Bowels	28	18	3	8	6	3	2	2		2	3	4	7		3										34	16	33	28	20	220
Peritonitis	6	1			3	1	1	1	1		2	1	3		2							1	1		16	9	9	10	2	70
Disease of Stomach, &c.	8	2		1	3	2			2	2		3	4	1					1		1		1		13	5	10	10	4	73
Disease of Liver	19	3	3	5	8	2		1	3	4	9	9	10	8	1				3		1	5	2		31	13	27	32	20	219
Disease of Rectum											1				1				1			1				1		1		6
Disease of Spleen																										1				1
Hernia	2				1								2	6	1				1						2		3	2	1	21
Ileus	4				2	2			2	1	2	1	1		1			2				1	1		5	1	2	2	4	34
Hæmatemesis	1																									1		1	1	4
Sore Throat																										2			1	3
Stomatitis	3				2										1										3		1			10
Stricture of Œsophagus													2					1					1					1		5
Ascites	2			1									1	1								1			1	1	3			11
Gall Stones																												2		2
Colic				1																								1		2
Lead Poisoning					1																						1			2
Class 8.—Disease of Kidneys, &c.	9		1	3	2	1			2	1	2	1	3	9				2	1				1		8	3		4	3	56
Stone																							2							2
Nephria	10	4	3	4	5	1		2	1	3	8	7	21	4	2			4				7	9		26	14	16	15	7	173
Diabetes	1					1					1	3	1	2											4		3	2	1	19
Cystitis					1							1	1	4				1					1		2		1	1	1	14
Disease of Bladder						1							1	1					1						2	1	2	2		11
Disease of Prostate					1																							1		2
Stricture of Urethra																		1				1				2		1		5
Disease of Supra-renal Capsule	1							1					1	1														1		5
Class 9.—Childbirth	5	2		1	1				2		2		1												13	9	7	4	1	48
Mala Puerperis Incidentia							1			1	2	1	1									1			13	1	3	5	1	30
Disease of Uterus, &c.	2				1							1	1	3							2		1		1	2	2	2	1	19
Disease of Ovary, &c.	1									1	2		1	1							2				2			1		11
Pelvic Abscess																					1				1					2
Class 10.—Rheumatism	1												11									1			3	2	5	1		24
Disease of Bones and Joints	1				1					2	1		3	4	2			2	3			2			8		3		1	33
Class 11.—Abscess	3	1		1									3										1		5		3	2	4	23
Ulcer	1												4	1					1							2			1	10
Pyæmia				1									1								1					1	1			5
Septicæmia											1	1	2	2							1				1		1	1		10
Leucocythæmia														1																1
Disease of Skin				1					1			1														1	2	2	1	9
Class 17.—Natural Causes	8	6	1		5	1	2	2	5	1	1	2	13					4	1			2	2		12	7	8	3	1	87
Drowned	18	2		3			2		1																1	10		2	6	45
Suffocated	20	8	4	3	10	2				2	3	5	1										1		25	9	8	13	15	129
Burns	2	2	1	1		1					1		4	7	2			4	7			1	3		2	2				40
Scalds	4	1		1	1	1					1	1		4				5							2	3		2		26
Accidentally Killed	10	3	1	1	6	2			2		4		6	14				37	10			1	9		8	5	2	6	5	132
Injuries—no Evidence	2	1			1						2		8	3				1	3	1		1			3	1	2		4	33
Excessive Drinking	2	3			4	1		1				1	15					1							2	1	2	2	1	36
Want of Attention after Birth												1													1			1		3
Exposure to Cold					1																									1
Accidentally Shot														1																1
Accidentally Poisoned			1								1		1												1			2		6
Accidentally Choked																												1		1
Manslaughter	2	1																	1											4
Murder	2													1											1		1			5
Effects of Immersion in Dock				1														2							1					4
Found Dead	1																											1	1	3
Poisoned—no Evidence								1					1						1						1					4
Misadventure													1									1								2
Poisoned by Coal Gas																												1		1
Poisoned by Sewer Gas											1																			1
Suicide by Cut Throat																			1						1					2
Suicide by Poison											1		1	2											2		2	2		10
Suicide by Hanging	1				2							1														1		1	3	9
Suicide by Strangling					2					1															1		2			6
Suicide by Shooting								1						1																2
Suicide by Drowning	2																													2
Suicide by Lying in Front of Railway Train														1																1
Want of Proper Food and Attention																									1					1
Causes not specified			1		3			1	1	2	4	3	16		1								1		3	1		3		40
Males	725	183	91	95	280	77	18	55	71	94	155	160	760	164	44		17	104	42	28		156	100	15	1202	694	720	610	482	7142
Females	782	166	82	116	250	109	5	37	73	110	178	195	575	68	44	3	6	23	15	21	11	120	53	11	1172	641	743	703	465	6777

(Class 17 rows from "Drowned" to "Want of Proper Food and Attention" are bracketed in the margin as INQUESTS.)